

3302 122nd Street
Lubbock, Texas 79423
Mailing Address:
P.O. Box 53427
Lubbock, Texas 79453
Phone: 806-771-8033
Fax: 806-687-6926
www.bcccorp.com



Texland Petroleum Hobbs, LLC
V. Cook 1Y Tank Battery
Produced Water Spill (Some Oil)
Unit E, Sec. 29-T16S-R38E, Lea Co., NM
32.894654 -103.177702

Closure Report

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April 15, 2024

Texland Petroleum Hobbs, LLC
V. Cook 1Y Tank Battery
Produced Water Spill (Some Oil)
Unit E, Sec. 29-T16S-R38E, Lea Co., NM
GPS Coordinates: 32.894654 -103.177702

Closure Report

Site Characterization and Delineation Activities

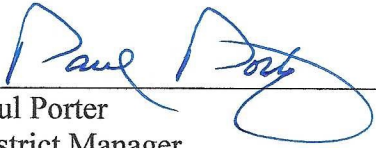
On March 5, 2024, BCC, Inc. conducted a site assessment of a produced water spill which included a small volume of oil located in Lea County, New Mexico. This release occurred on August 22, 2006 and remedial activities immediately took place, however, a closure report to the State of New Mexico had not been previously recorded. The release originated from a test tank on the V. Cook 1Y Tank Battery overflowing before a truck arrived to haul off the excess fluids. The total volume released was between 10 and 15 barrels with 10 to 12 barrels being recovered (the original Form C-141 is attached to this report). The affected surface area included a part of the caliche pad on the north side of the battery with a small amount of the released fluid running into the weeds off of the location. The affected soils were immediately excavated and hauled to a land farm by the Gandy Corporation and the affected areas were then replaced with clean caliche and top soil.

According to the United States Geological Survey for the State of New Mexico, the average depth to groundwater below land surface at this site is 118 feet. The horizontal distance from the nearest water source is an active groundwater well located 0.61 mile northwest of Texland's V. Cook 1Y Tank Battery. The distance to the nearest significant watercourse from this site is the Pecos River, located well over 50 miles to the west in Eddy County (documentation attached).

Delineation of this site on March 5, 2024 and once again on April 4, 2024, revealed that there are no residual affects at this site from this release almost 18 years ago. A small area where the fluid had pooled in the weeds was excavated for delineation purposes and soil samples were pulled from the bottom of this excavation (36" below ground surface), as well as the sidewalls of this area. Confirmation soil samples were also pulled from the surface area leading back toward the battery site as well as horizontal delineation along the north side of the tank battery pad as

Page 2

proposed by the State of New Mexico. All of the samples were laboratory tested for BTEX, TPH, and chloride content with the complete analysis revealing results well below the State of New Mexico's standard limits for the necessary corrective action for a reportable release (certified laboratory soil analysis attached).



Paul Porter
District Manager
BCC, Inc.

attachments

AUG-22-2008 TUE 02:32 PM

FAX NO.

P. 03

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003
Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report☐ Final Report

Name of Company	<i>Testant Pet Hobbs LLC</i>	Contact	<i>Doug Barnett</i>
Address		Telephone No.	<i>505-254-1462</i>
Facility Name	<i>V. Leak I-V</i>	Facility Type	<i>Test tank</i>
Surface Owner		Mineral Owner	
		Lease No.	<i>70-025-3788</i>

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
<i>E</i>	<i>29</i>	<i>165</i>	<i>38E</i>					<i>Lea</i>

Latitude *74'* Longitude

NATURE OF RELEASE

Type of Release	<i>Produced water and some oil</i>	Volume of Release	<i>10-15 bbls</i>	Volume Recovered	<i>10-12 bbls</i>
Source of Release	<i>test tank overflowed</i>	Date and Hour of Occurrence	<i>8-22-06</i>	Date and Hour of Discovery	<i>8-22-06</i>
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?			
By Whom?	<i>Cecil Guillory, with Gandy Corporation</i>	Date and Hour			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.

Describe Cause of Problem and Remedial Action Taken.*

Test tank overflowed before truck arrived to haul off the water. Spill was picked up and contaminated soil was dug up and hauled to land farm. Caliche and small amount of top soil was replaced.

Describe Area Affected and Cleanup Action Taken.*

Most of spill was on the caliche of the location. A very small amount got off location, and into an area of weeds.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NM 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 NMOCN 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, NMOCN 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.

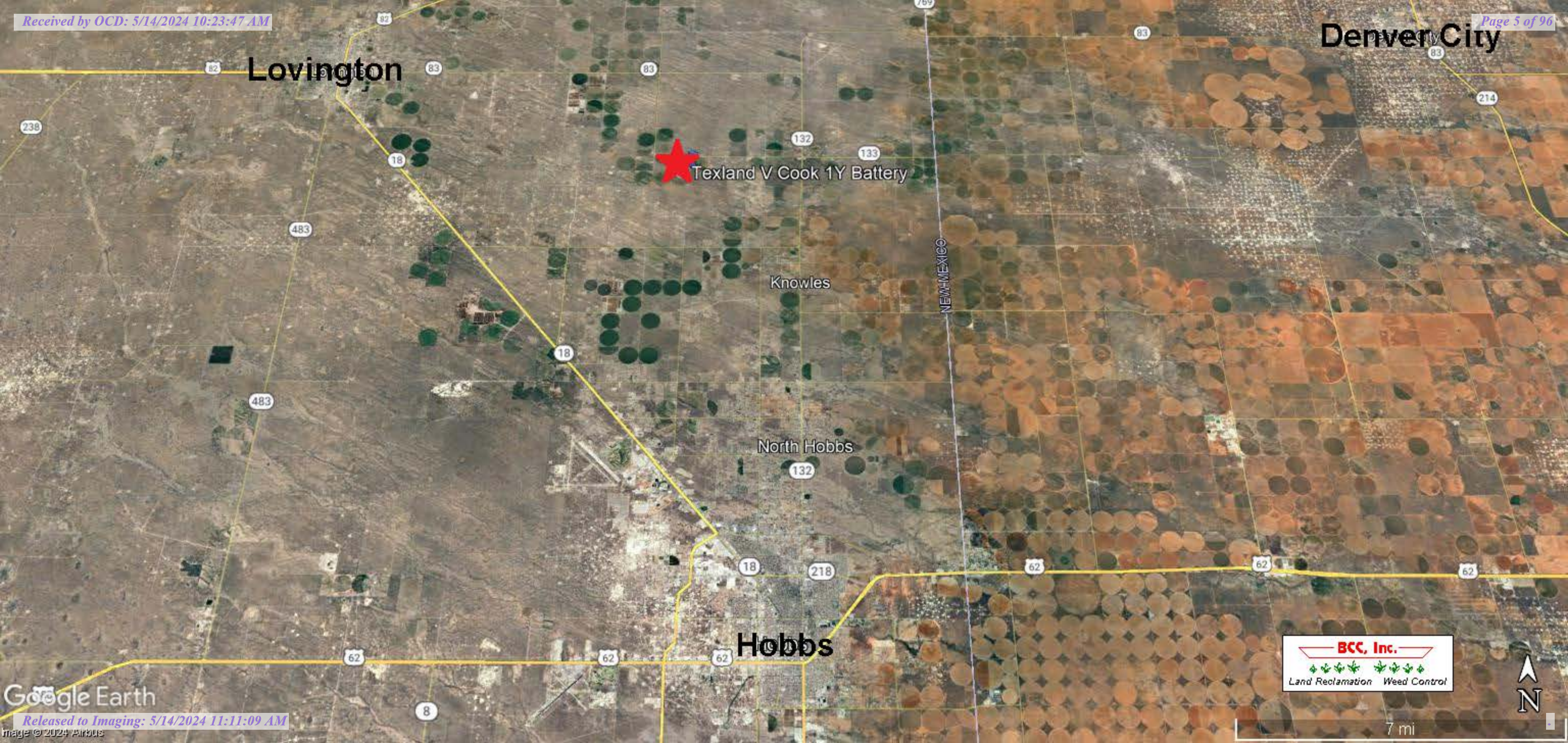
OIL CONSERVATION DIVISION

Signature: <i>Cecil Guillory</i>	Approved by District Supervisor:		
Printed Name: <i>Cecil Guillory</i>	Approval Date:	Expiration Date:	
Title: <i>Dispatcher</i>	Conditions of Approval:		
E-mail Address: <i>NONE</i>	Attached <input type="checkbox"/>		
Date: <i>9-6-06</i> Phone: <i>396-4948</i>			

* Attach Additional Sheets If Necessary

RP# 1028

incident - nPAC 0625435253
application - nPAC 0625435355



Lovington

Denver City



Texland V Cook 1Y Battery

Knowles

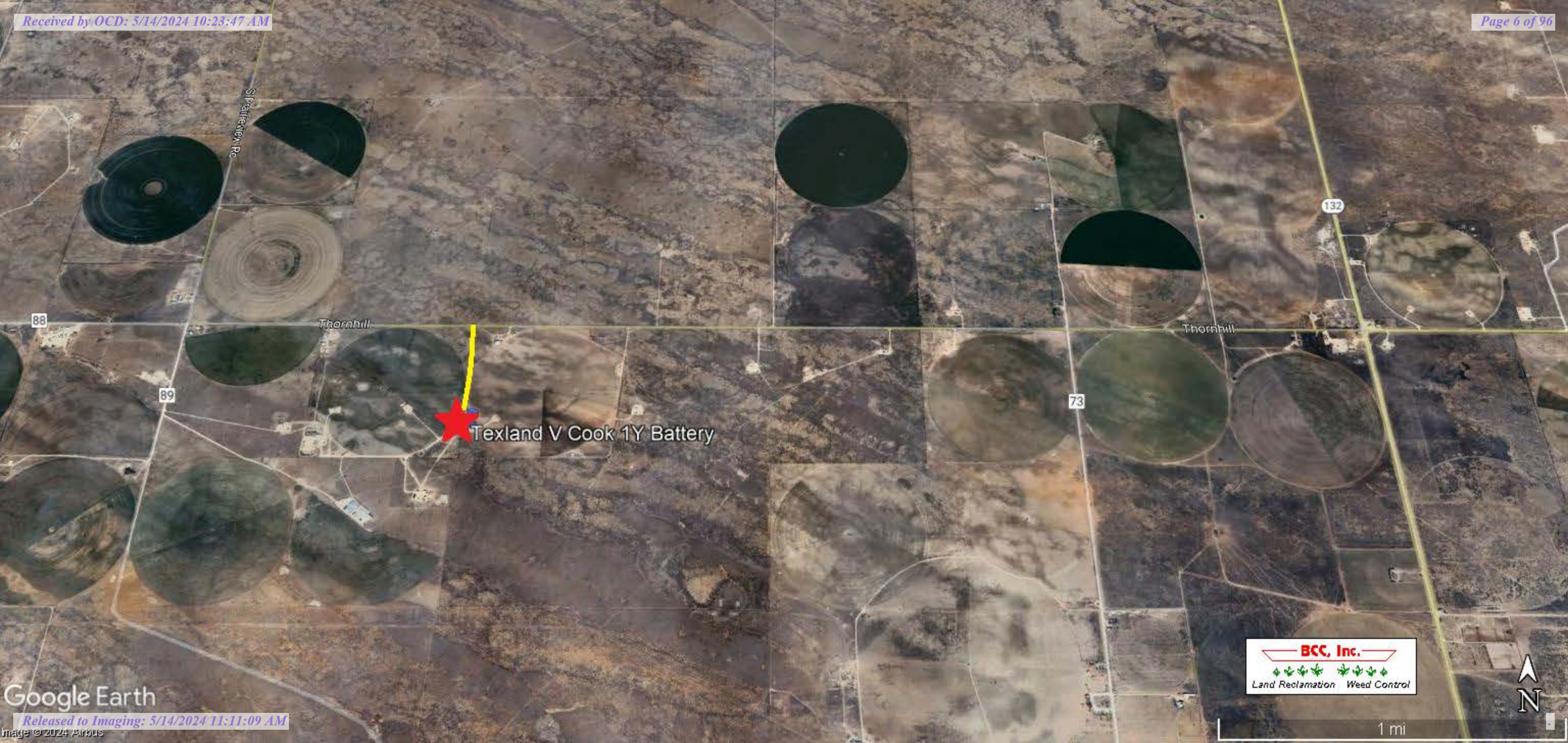
North Hobbs

Hobbs



7 mi

Google Earth



Stallview Rd

88

89

Thornhill



Texland V Cook 1Y Battery

73

Thornhill

132

Google Earth

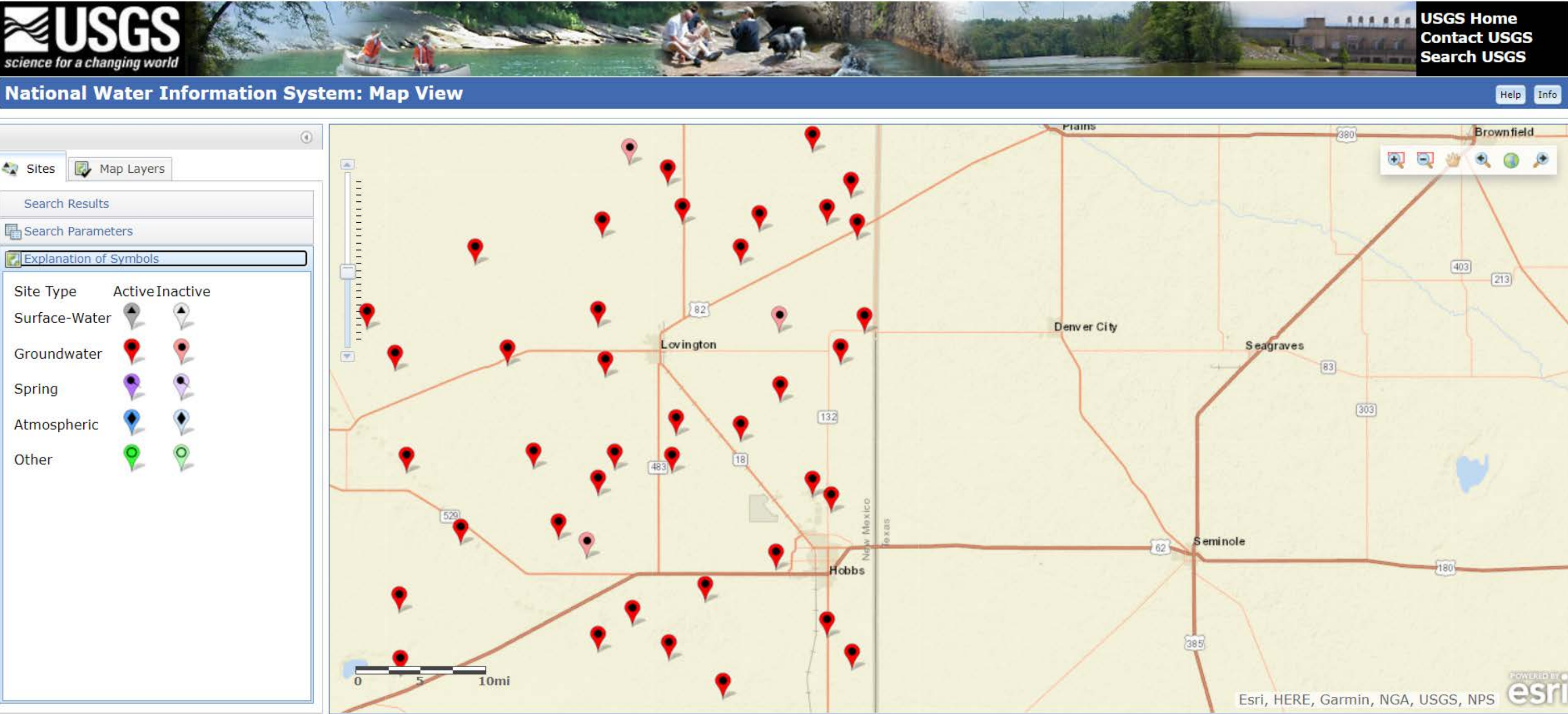
BCC, Inc.

Land Reclamation Weed Control



1 mi

Lea County Groundwater Well Locations





USGS Home
Contact USGS
Search USGS

National Water Information System: Map View

HelpInfo

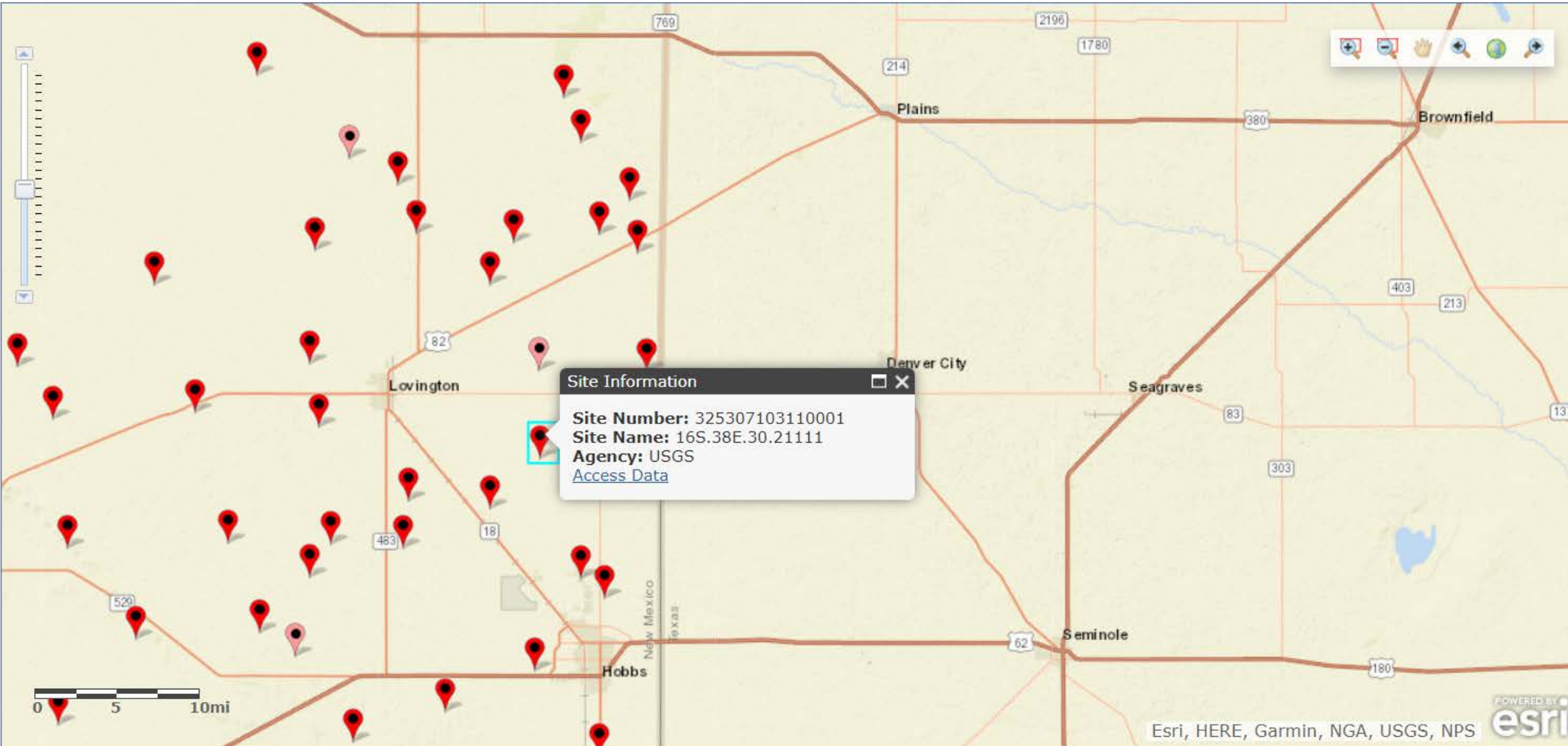
SitesMap Layers

Search Results

Search Parameters

Explanation of Symbols

Site Type	Active	Inactive
Surface-Water		
Groundwater		
Spring		
Atmospheric		
Other		



Site Information
Site Number: 325307103110001
Site Name: 16S.38E.30.21111
Agency: USGS
[Access Data](#)

Esri, HERE, Garmin, NGA, USGS, NPS

USGS 325307103110001 16S.38E.30.21111

Available data for this site

SUMMARY OF ALL AVAILABLE DATA

GO

Well Site

DESCRIPTION:

Latitude 32°53'59.6", Longitude 103°11'11.3" NAD83
Lea County, New Mexico , Hydrologic Unit 12080003
Well depth: 118 feet
Land surface altitude: 3,747.10 feet above NGVD29.
Well completed in "High Plains aquifer" (N100HGHPLN) national aquifer.
Well completed in "Ogallala Formation" (121OGLL) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1951-01-20	2024-02-02	65
Revisions	Unavailable (site:0) (timeseries:0)		
Additional Data Sources	Begin Date	End Date	Count
Annual Water-Data Report (pdf) **offsite**	2007	2011	4

OPERATION:

Record for this site is maintained by the USGS New Mexico Water Science Center
Email questions about this site to [New Mexico Water Science Center Water-Data Inquiries](#)

Nearest Water Source (Groundwater Well)



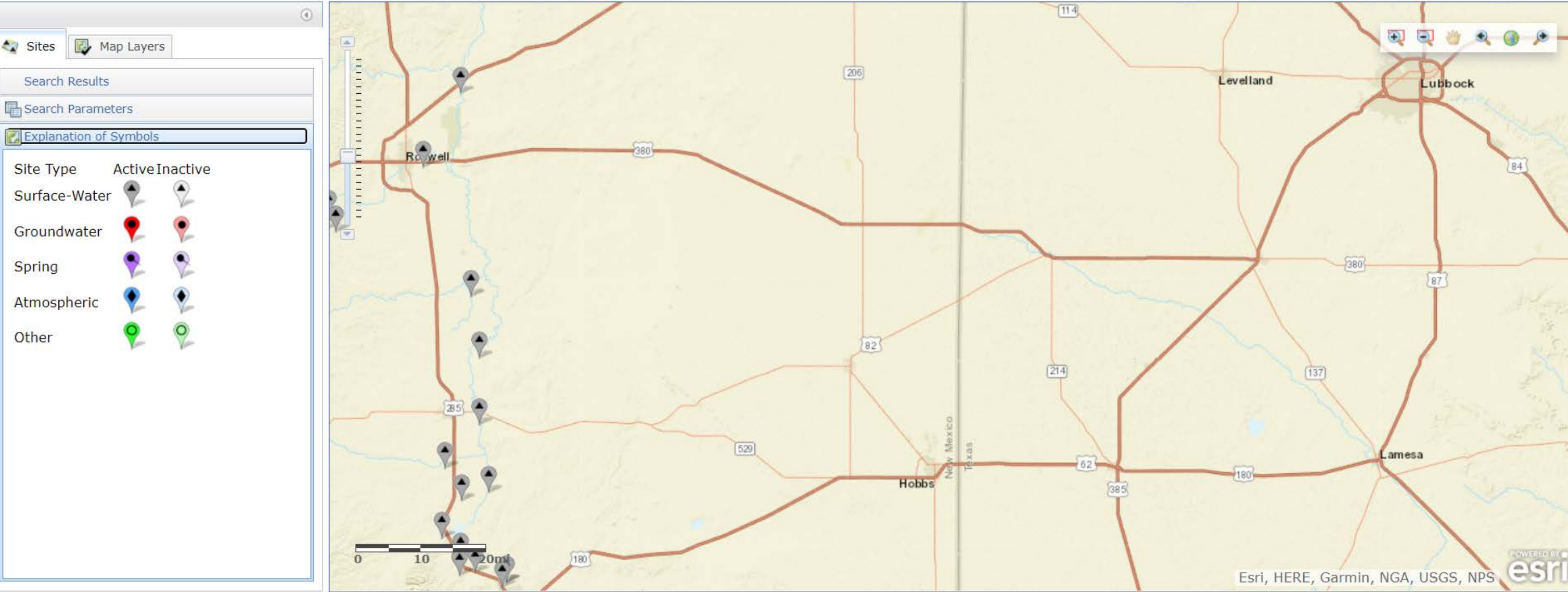
Nearest Significant Watercourse



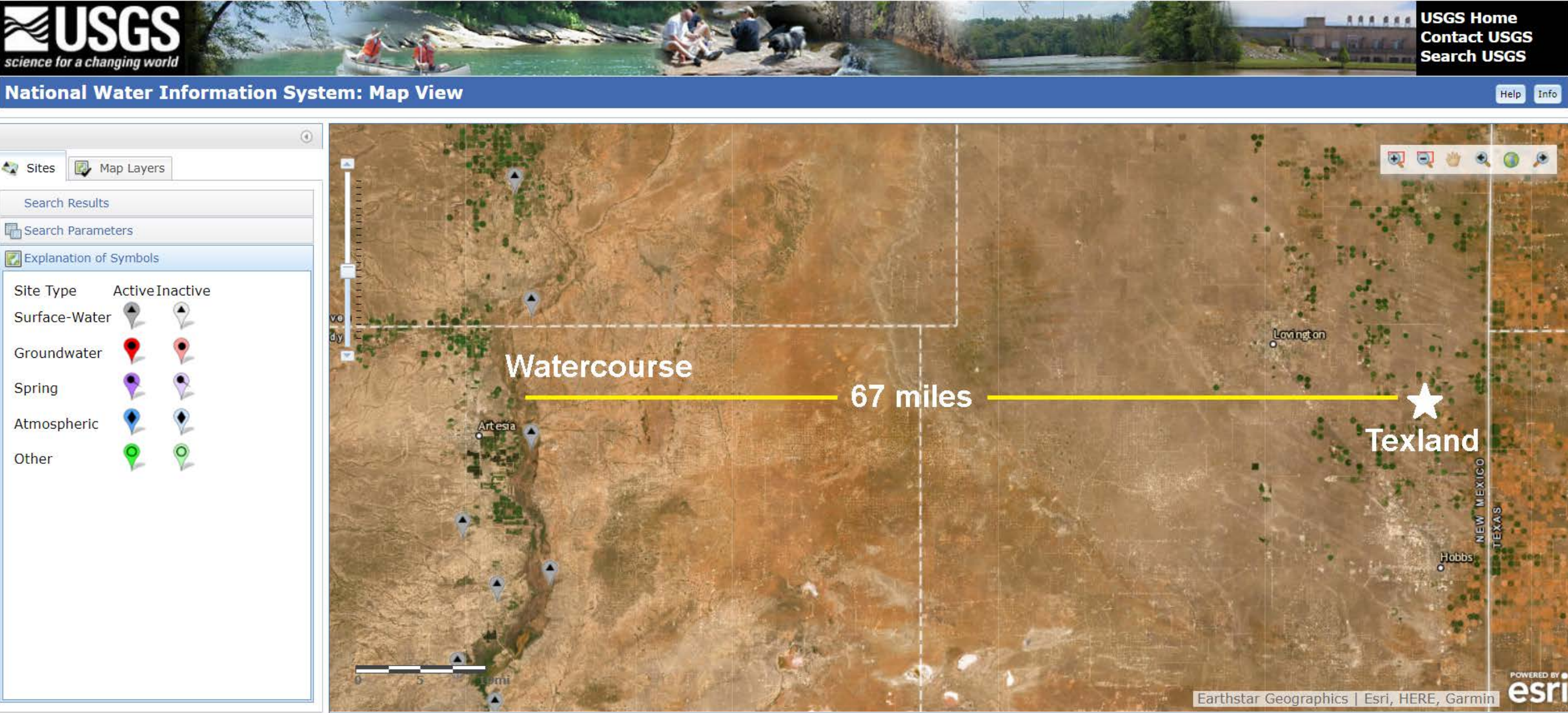
[USGS Home](#)
[Contact USGS](#)
[Search USGS](#)

National Water Information System: Map View

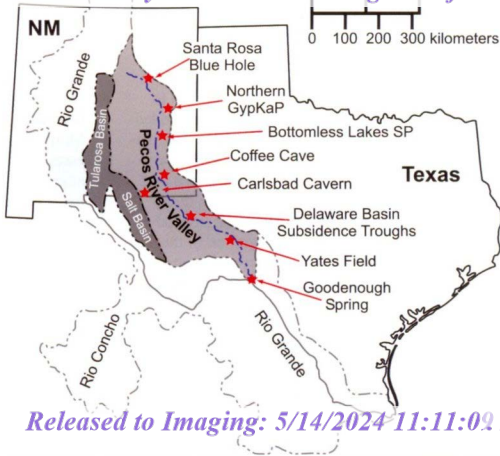
[Help](#)[Info](#)

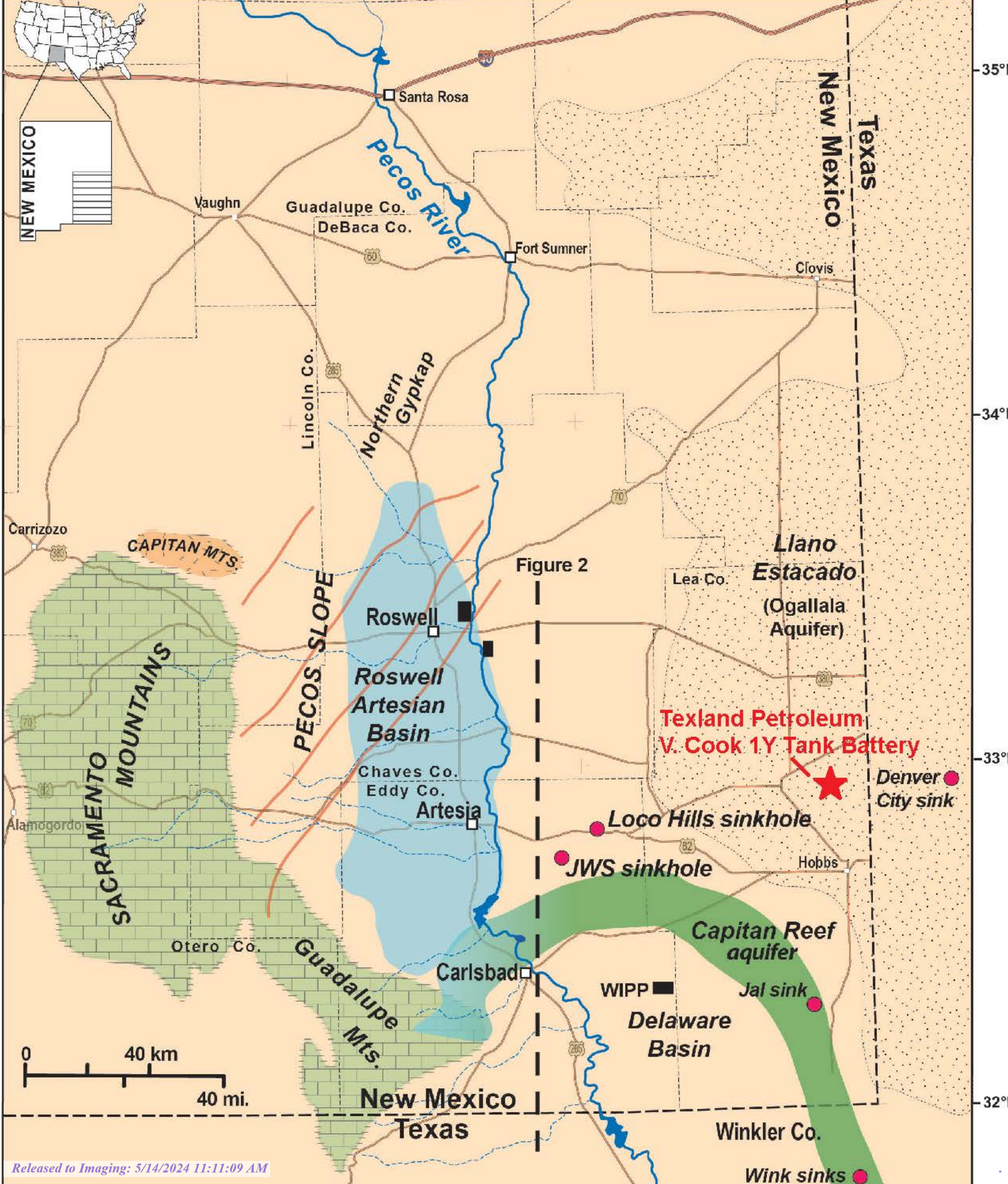


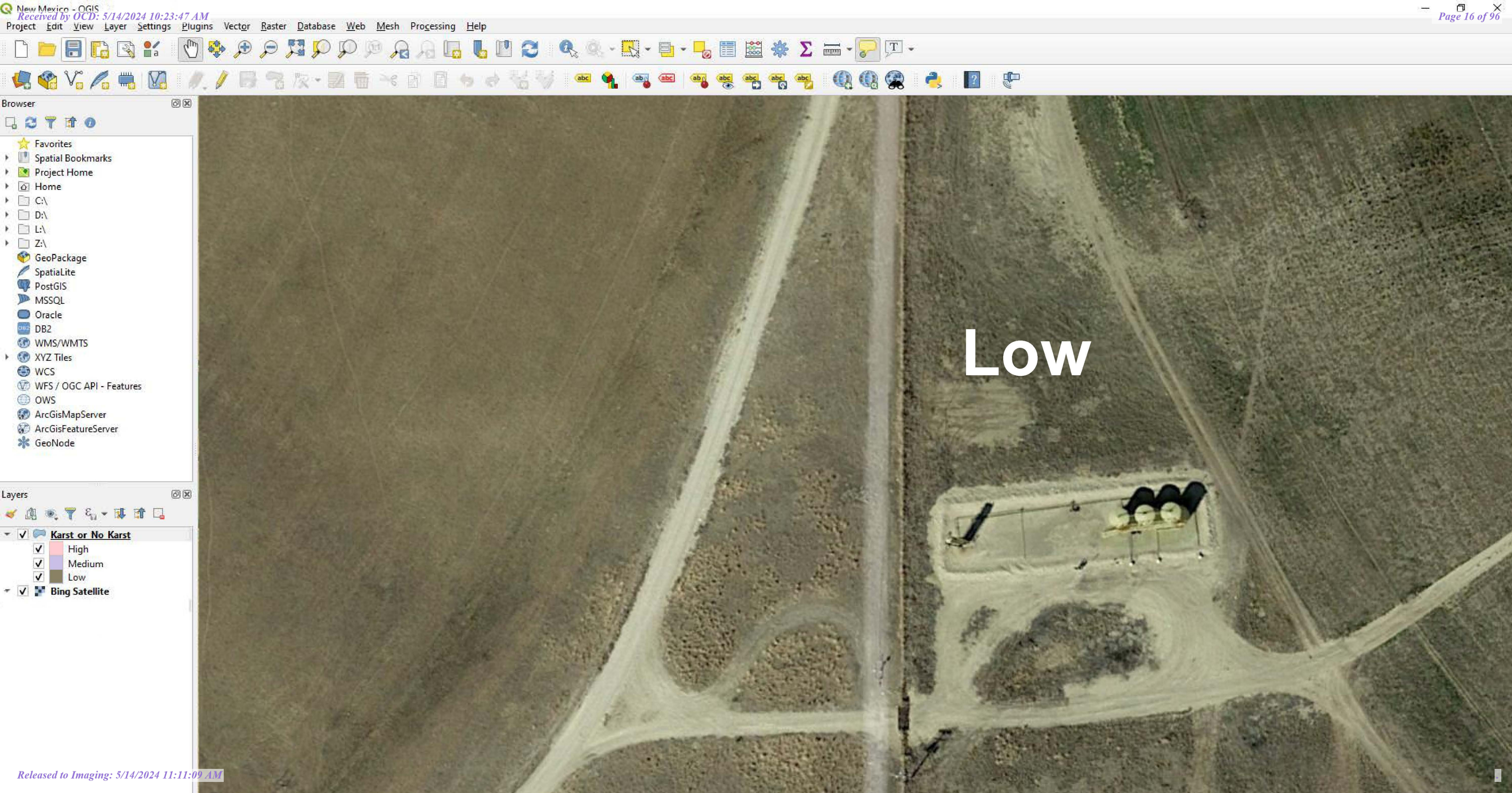
Nearest Significant Watercourse



Karst Risk Potential







Browser



- ★ Favorites
- Spatial Bookmarks
- Project Home
- Home
- C:\
- D:\
- L:\
- Z:\
- GeoPackage
- SpatialLite
- PostGIS
- MSSQL
- Oracle
- DB2
- WMS/WMTS
- XYZ Tiles
- WCS
- WFS / OGC API - Features
- OWS
- ArcGisMapServer
- ArcGisFeatureServer
- GeoNode


Layers

- ▾ ☒ **Karst or No Karst**
 - ☒ High
 - ☒ Medium
 - ☒ Low
- ▾ ☒ Bing Satellite

V. Cook 1Y Tank Battery

Legend

-  32.894654, -103.177702
-  Proposed Sampling Locations

 32.894654, -103.177702

  Proposed Sampling Locations





2A

32.894619

-103.177587

2B

32.894610

-103.177708

2C

32.894601

-103.177826

2D

32.894594

-103.177954

2E

32.894582

-103.178067

04 04 2024



Environment Testing

1

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14

ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Porter
BCC, Inc.
3302 122nd St.
PO BOX 53427
Lubbock, Texas 79453

Generated 4/11/2024 6:19:25 PM

JOB DESCRIPTION

Texland Petroleum
V Cook 1Y

JOB NUMBER

820-12793-1

Eurofins Lubbock
6701 Aberdeen Ave.
Suite 8
Lubbock TX 79424

See page two for job notes and contact information.

Eurofins Lubbock

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
4/11/2024 6:19:25 PM

Authorized for release by
Sylvia Garza, Project Manager
Sylvia.Garza@et.eurofinsus.com
(832)544-2004

Client: BCC, Inc.
Project/Site: Texland Petroleum

Laboratory Job ID: 820-12793-1
SDG: V Cook 1Y

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	10
QC Sample Results	11
QC Association Summary	14
Lab Chronicle	16
Certification Summary	18
Method Summary	19
Sample Summary	20
Chain of Custody	21
Receipt Checklists	22

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: BCC, Inc.
Project/Site: Texland Petroleum

Job ID: 820-12793-1
SDG: V Cook 1Y

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: BCC, Inc.
Project: Texland Petroleum

Job ID: 820-12793-1

Job ID: 820-12793-1

Eurofins Lubbock

Job Narrative
820-12793-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/9/2024 8:56 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -1.7°C.

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: 2B (820-12793-2) and (880-42065-A-1-C MSD). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Lubbock

Client Sample Results

Client: BCC, Inc.
Project/Site: Texland Petroleum

Job ID: 820-12793-1
SDG: V Cook 1Y

Client Sample ID: 2A

Lab Sample ID: 820-12793-1

Date Collected: 04/04/24 10:15

Matrix: Solid

Date Received: 04/09/24 08:56

Sample Depth: - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/10/24 10:58	04/10/24 15:13	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/10/24 10:58	04/10/24 15:13	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/10/24 10:58	04/10/24 15:13	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		04/10/24 10:58	04/10/24 15:13	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/10/24 10:58	04/10/24 15:13	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/10/24 10:58	04/10/24 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	04/10/24 10:58	04/10/24 15:13	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/10/24 10:58	04/10/24 15:13	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			04/10/24 18:44	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/10/24 10:28	04/10/24 18:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/10/24 10:28	04/10/24 18:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/10/24 10:28	04/10/24 18:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130	04/10/24 10:28	04/10/24 18:44	1
o-Terphenyl (Surr)	91		70 - 130	04/10/24 10:28	04/10/24 18:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.96	U	4.96	mg/Kg			04/11/24 03:28	1

Client Sample ID: 2B

Lab Sample ID: 820-12793-2

Date Collected: 04/04/24 10:24

Matrix: Solid

Date Received: 04/09/24 08:56

Sample Depth: - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/10/24 10:58	04/10/24 15:33	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/10/24 10:58	04/10/24 15:33	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/10/24 10:58	04/10/24 15:33	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		04/10/24 10:58	04/10/24 15:33	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/10/24 10:58	04/10/24 15:33	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/10/24 10:58	04/10/24 15:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	04/10/24 10:58	04/10/24 15:33	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/10/24 10:58	04/10/24 15:33	1

Eurofins Lubbock

Client Sample Results

Client: BCC, Inc.
Project/Site: Texland Petroleum

Job ID: 820-12793-1
SDG: V Cook 1Y

Client Sample ID: 2B
Date Collected: 04/04/24 10:24
Date Received: 04/09/24 08:56
Sample Depth: - 6"

Lab Sample ID: 820-12793-2
Matrix: Solid

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.0	U	50.0	mg/Kg			04/10/24 19:05	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/10/24 10:28	04/10/24 19:05	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/10/24 10:28	04/10/24 19:05	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/10/24 10:28	04/10/24 19:05	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	145	S1+	70 - 130			04/10/24 10:28	04/10/24 19:05	1	
o-Terphenyl (Surr)	114		70 - 130			04/10/24 10:28	04/10/24 19:05	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	5.67		5.02	mg/Kg			04/11/24 03:47	1	

Client Sample ID: 2C
Date Collected: 04/04/24 10:35
Date Received: 04/09/24 08:56
Sample Depth: - 6"

Lab Sample ID: 820-12793-3
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Benzene	<0.00200	U	0.00200	mg/Kg		04/10/24 10:58	04/10/24 15:54	1	
Toluene	<0.00200	U	0.00200	mg/Kg		04/10/24 10:58	04/10/24 15:54	1	
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/10/24 10:58	04/10/24 15:54	1	
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		04/10/24 10:58	04/10/24 15:54	1	
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/10/24 10:58	04/10/24 15:54	1	
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/10/24 10:58	04/10/24 15:54	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	83		70 - 130			04/10/24 10:58	04/10/24 15:54	1	
1,4-Difluorobenzene (Surr)	94		70 - 130			04/10/24 10:58	04/10/24 15:54	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9	mg/Kg			04/10/24 19:26	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/10/24 10:28	04/10/24 19:26	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/10/24 10:28	04/10/24 19:26	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/10/24 10:28	04/10/24 19:26	1	
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	123		70 - 130			04/10/24 10:28	04/10/24 19:26	1	
o-Terphenyl (Surr)	101		70 - 130			04/10/24 10:28	04/10/24 19:26	1	

Eurofins Lubbock

Client Sample Results

Client: BCC, Inc.
Project/Site: Texland Petroleum

Job ID: 820-12793-1
SDG: V Cook 1Y

Client Sample ID: 2C

Lab Sample ID: 820-12793-3

Date Collected: 04/04/24 10:35

Matrix: Solid

Date Received: 04/09/24 08:56

Sample Depth: - 6"

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01	mg/Kg			04/11/24 03:53	1

Client Sample ID: 2D

Lab Sample ID: 820-12793-4

Date Collected: 04/04/24 10:47

Matrix: Solid

Date Received: 04/09/24 08:56

Sample Depth: - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/10/24 10:58	04/10/24 16:15	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/10/24 10:58	04/10/24 16:15	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/10/24 10:58	04/10/24 16:15	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		04/10/24 10:58	04/10/24 16:15	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/10/24 10:58	04/10/24 16:15	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/10/24 10:58	04/10/24 16:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130			04/10/24 10:58	04/10/24 16:15	1
1,4-Difluorobenzene (Surr)	84		70 - 130			04/10/24 10:58	04/10/24 16:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			04/10/24 19:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/10/24 10:28	04/10/24 19:47	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/10/24 10:28	04/10/24 19:47	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/10/24 10:28	04/10/24 19:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130			04/10/24 10:28	04/10/24 19:47	1
o-Terphenyl (Surr)	103		70 - 130			04/10/24 10:28	04/10/24 19:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.22		5.03	mg/Kg			04/11/24 04:00	1

Client Sample ID: 2E

Lab Sample ID: 820-12793-5

Date Collected: 04/04/24 11:00

Matrix: Solid

Date Received: 04/09/24 08:56

Sample Depth: - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/10/24 10:58	04/10/24 16:35	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/10/24 10:58	04/10/24 16:35	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/10/24 10:58	04/10/24 16:35	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		04/10/24 10:58	04/10/24 16:35	1

Eurofins Lubbock

Client Sample Results

Client: BCC, Inc.
Project/Site: Texland Petroleum

Job ID: 820-12793-1
SDG: V Cook 1Y

Client Sample ID: 2E

Lab Sample ID: 820-12793-5

Date Collected: 04/04/24 11:00

Matrix: Solid

Date Received: 04/09/24 08:56

Sample Depth: - 6"

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/10/24 10:58	04/10/24 16:35		1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/10/24 10:58	04/10/24 16:35		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	89		70 - 130			04/10/24 10:58	04/10/24 16:35		1
1,4-Difluorobenzene (Surr)	97		70 - 130			04/10/24 10:58	04/10/24 16:35		1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.0	U	50.0	mg/Kg			04/10/24 20:08		1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/10/24 10:28	04/10/24 20:08		1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/10/24 10:28	04/10/24 20:08		1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/10/24 10:28	04/10/24 20:08		1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	116		70 - 130			04/10/24 10:28	04/10/24 20:08		1
o-Terphenyl (Surr)	101		70 - 130			04/10/24 10:28	04/10/24 20:08		1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	11.5		4.98	mg/Kg			04/11/24 04:06		1

Surrogate Summary

Client: BCC, Inc.
Project/Site: Texland Petroleum

Job ID: 820-12793-1
SDG: V Cook 1Y

Method: 8021B - Volatile Organic Compounds (GC)
Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
820-12793-1	2A	88	94
820-12793-2	2B	86	95
820-12793-3	2C	83	94
820-12793-4	2D	98	84
820-12793-5	2E	89	97
LCS 880-77815/1-A	Lab Control Sample	108	124
LCSD 880-77815/2-A	Lab Control Sample Dup	100	120
MB 880-77815/5-A	Method Blank	72	102
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)
Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
820-12793-1	2A	107	91
820-12793-2	2B	145 S1+	114
820-12793-3	2C	123	101
820-12793-4	2D	123	103
820-12793-5	2E	116	101
LCS 880-77808/2-A	Lab Control Sample	102	107
LCSD 880-77808/3-A	Lab Control Sample Dup	83	83
MB 880-77808/1-A	Method Blank	107	92
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: BCC, Inc.
Project/Site: Texland Petroleum

Job ID: 820-12793-1
SDG: V Cook 1Y

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-77815/5-A

Matrix: Solid

Analysis Batch: 77788

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 77815

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/10/24 10:58	04/10/24 13:29	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/10/24 10:58	04/10/24 13:29	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/10/24 10:58	04/10/24 13:29	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		04/10/24 10:58	04/10/24 13:29	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/10/24 10:58	04/10/24 13:29	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		04/10/24 10:58	04/10/24 13:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130	04/10/24 10:58	04/10/24 13:29	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/10/24 10:58	04/10/24 13:29	1

Lab Sample ID: LCS 880-77815/1-A

Matrix: Solid

Analysis Batch: 77788

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 77815

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08851		mg/Kg		89	70 - 130
Toluene	0.100	0.08671		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.1010		mg/Kg		101	70 - 130
m,p-Xylenes	0.200	0.2019		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1003		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	124		70 - 130

Lab Sample ID: LCSD 880-77815/2-A

Matrix: Solid

Analysis Batch: 77788

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 77815

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08436		mg/Kg		84	70 - 130	5	35
Toluene	0.100	0.08886		mg/Kg		89	70 - 130	2	35
Ethylbenzene	0.100	0.09249		mg/Kg		92	70 - 130	9	35
m,p-Xylenes	0.200	0.1837		mg/Kg		92	70 - 130	9	35
o-Xylene	0.100	0.09151		mg/Kg		92	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	120		70 - 130

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QC Sample Results

Client: BCC, Inc.
Project/Site: Texland Petroleum

Job ID: 820-12793-1
SDG: V Cook 1Y

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-77808/1-A
Matrix: Solid
Analysis Batch: 77780

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 77808

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/10/24 10:28	04/10/24 09:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/10/24 10:28	04/10/24 09:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/10/24 10:28	04/10/24 09:36	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130			04/10/24 10:28	04/10/24 09:36	1
o-Terphenyl (Surr)	92		70 - 130			04/10/24 10:28	04/10/24 09:36	1

Lab Sample ID: LCS 880-77808/2-A
Matrix: Solid
Analysis Batch: 77780

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 77808

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1003		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	984.7		mg/Kg		98	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	102		70 - 130				
o-Terphenyl (Surr)	107		70 - 130				

Lab Sample ID: LCSD 880-77808/3-A
Matrix: Solid
Analysis Batch: 77780

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 77808

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	973.1		mg/Kg		97	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	941.9		mg/Kg		94	70 - 130	4	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	83		70 - 130						
o-Terphenyl (Surr)	83		70 - 130						

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-77847/1-A
Matrix: Solid
Analysis Batch: 77873

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/11/24 03:09	1

QC Sample Results

Client: BCC, Inc.
Project/Site: Texland Petroleum

Job ID: 820-12793-1
SDG: V Cook 1Y

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-77847/2-A				Client Sample ID: Lab Control Sample							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 77873											
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	253.8		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-77847/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 77873											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	254.4		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 820-12793-1 MS				Client Sample ID: 2A							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 77873											
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<4.96	U	248	258.8		mg/Kg		102	90 - 110		

Lab Sample ID: 820-12793-1 MSD				Client Sample ID: 2A							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 77873											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<4.96	U	248	258.7		mg/Kg		102	90 - 110	0	20

QC Association Summary

Client: BCC, Inc.
Project/Site: Texland Petroleum

Job ID: 820-12793-1
SDG: V Cook 1Y

GC VOA

Analysis Batch: 77788

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12793-1	2A	Total/NA	Solid	8021B	77815
820-12793-2	2B	Total/NA	Solid	8021B	77815
820-12793-3	2C	Total/NA	Solid	8021B	77815
820-12793-4	2D	Total/NA	Solid	8021B	77815
820-12793-5	2E	Total/NA	Solid	8021B	77815
MB 880-77815/5-A	Method Blank	Total/NA	Solid	8021B	77815
LCS 880-77815/1-A	Lab Control Sample	Total/NA	Solid	8021B	77815
LCSD 880-77815/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	77815

Prep Batch: 77815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12793-1	2A	Total/NA	Solid	5035	
820-12793-2	2B	Total/NA	Solid	5035	
820-12793-3	2C	Total/NA	Solid	5035	
820-12793-4	2D	Total/NA	Solid	5035	
820-12793-5	2E	Total/NA	Solid	5035	
MB 880-77815/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-77815/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-77815/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 77780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12793-1	2A	Total/NA	Solid	8015B NM	77808
820-12793-2	2B	Total/NA	Solid	8015B NM	77808
820-12793-3	2C	Total/NA	Solid	8015B NM	77808
820-12793-4	2D	Total/NA	Solid	8015B NM	77808
820-12793-5	2E	Total/NA	Solid	8015B NM	77808
MB 880-77808/1-A	Method Blank	Total/NA	Solid	8015B NM	77808
LCS 880-77808/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	77808
LCSD 880-77808/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	77808

Prep Batch: 77808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12793-1	2A	Total/NA	Solid	8015NM Prep	
820-12793-2	2B	Total/NA	Solid	8015NM Prep	
820-12793-3	2C	Total/NA	Solid	8015NM Prep	
820-12793-4	2D	Total/NA	Solid	8015NM Prep	
820-12793-5	2E	Total/NA	Solid	8015NM Prep	
MB 880-77808/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-77808/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-77808/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 77910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12793-1	2A	Total/NA	Solid	8015 NM	
820-12793-2	2B	Total/NA	Solid	8015 NM	
820-12793-3	2C	Total/NA	Solid	8015 NM	
820-12793-4	2D	Total/NA	Solid	8015 NM	
820-12793-5	2E	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: BCC, Inc.
Project/Site: Texland Petroleum

Job ID: 820-12793-1
SDG: V Cook 1Y

HPLC/IC

Leach Batch: 77847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12793-1	2A	Soluble	Solid	DI Leach	
820-12793-2	2B	Soluble	Solid	DI Leach	
820-12793-3	2C	Soluble	Solid	DI Leach	
820-12793-4	2D	Soluble	Solid	DI Leach	
820-12793-5	2E	Soluble	Solid	DI Leach	
MB 880-77847/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-77847/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-77847/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
820-12793-1 MS	2A	Soluble	Solid	DI Leach	
820-12793-1 MSD	2A	Soluble	Solid	DI Leach	

Analysis Batch: 77873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12793-1	2A	Soluble	Solid	300.0	77847
820-12793-2	2B	Soluble	Solid	300.0	77847
820-12793-3	2C	Soluble	Solid	300.0	77847
820-12793-4	2D	Soluble	Solid	300.0	77847
820-12793-5	2E	Soluble	Solid	300.0	77847
MB 880-77847/1-A	Method Blank	Soluble	Solid	300.0	77847
LCS 880-77847/2-A	Lab Control Sample	Soluble	Solid	300.0	77847
LCSD 880-77847/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	77847
820-12793-1 MS	2A	Soluble	Solid	300.0	77847
820-12793-1 MSD	2A	Soluble	Solid	300.0	77847

Lab Chronicle

Client: BCC, Inc.
Project/Site: Texland Petroleum

Job ID: 820-12793-1
SDG: V Cook 1Y

Client Sample ID: 2A

Lab Sample ID: 820-12793-1

Date Collected: 04/04/24 10:15

Matrix: Solid

Date Received: 04/09/24 08:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	77815	04/10/24 10:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77788	04/10/24 15:13	MNR	EET MID
Total/NA	Analysis	8015 NM		1			77910	04/10/24 18:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	77808	04/10/24 10:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77780	04/10/24 18:44	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	77847	04/10/24 14:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77873	04/11/24 03:28	SMC	EET MID

Client Sample ID: 2B

Lab Sample ID: 820-12793-2

Date Collected: 04/04/24 10:24

Matrix: Solid

Date Received: 04/09/24 08:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	77815	04/10/24 10:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77788	04/10/24 15:33	MNR	EET MID
Total/NA	Analysis	8015 NM		1			77910	04/10/24 19:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	77808	04/10/24 10:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77780	04/10/24 19:05	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	77847	04/10/24 14:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77873	04/11/24 03:47	SMC	EET MID

Client Sample ID: 2C

Lab Sample ID: 820-12793-3

Date Collected: 04/04/24 10:35

Matrix: Solid

Date Received: 04/09/24 08:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	77815	04/10/24 10:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77788	04/10/24 15:54	MNR	EET MID
Total/NA	Analysis	8015 NM		1			77910	04/10/24 19:26	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	77808	04/10/24 10:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77780	04/10/24 19:26	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	77847	04/10/24 14:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77873	04/11/24 03:53	SMC	EET MID

Client Sample ID: 2D

Lab Sample ID: 820-12793-4

Date Collected: 04/04/24 10:47

Matrix: Solid

Date Received: 04/09/24 08:56

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	77815	04/10/24 10:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77788	04/10/24 16:15	MNR	EET MID
Total/NA	Analysis	8015 NM		1			77910	04/10/24 19:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	77808	04/10/24 10:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77780	04/10/24 19:47	AJ	EET MID

Eurofins Lubbock

Lab Chronicle

Client: BCC, Inc.
Project/Site: Texland Petroleum

Job ID: 820-12793-1
SDG: V Cook 1Y

Client Sample ID: 2D

Date Collected: 04/04/24 10:47

Date Received: 04/09/24 08:56

Lab Sample ID: 820-12793-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	77847	04/10/24 14:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77873	04/11/24 04:00	SMC	EET MID

Client Sample ID: 2E

Date Collected: 04/04/24 11:00

Date Received: 04/09/24 08:56

Lab Sample ID: 820-12793-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	77815	04/10/24 10:58	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	77788	04/10/24 16:35	MNR	EET MID
Total/NA	Analysis	8015 NM		1			77910	04/10/24 20:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	77808	04/10/24 10:28	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	77780	04/10/24 20:08	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	77847	04/10/24 14:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	77873	04/11/24 04:06	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: BCC, Inc.
Project/Site: Texland Petroleum

Job ID: 820-12793-1
SDG: V Cook 1Y

Laboratory: Eurofins Midland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

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Method Summary

Client: BCC, Inc.
Project/Site: Texland Petroleum

Job ID: 820-12793-1
SDG: V Cook 1Y

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:
ASTM = ASTM International
EPA = US Environmental Protection Agency
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: BCC, Inc.
Project/Site: Texland Petroleum

Job ID: 820-12793-1
SDG: V Cook 1Y

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
820-12793-1	2A	Solid	04/04/24 10:15	04/09/24 08:56	- 6"
820-12793-2	2B	Solid	04/04/24 10:24	04/09/24 08:56	- 6"
820-12793-3	2C	Solid	04/04/24 10:35	04/09/24 08:56	- 6"
820-12793-4	2D	Solid	04/04/24 10:47	04/09/24 08:56	- 6"
820-12793-5	2E	Solid	04/04/24 11:00	04/09/24 08:56	- 6"

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Loc: 820

12793

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 885-3443, Lubbock, TX (806) 794-1286
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Urofin
Environment Testing
Xenco



820-12793 Chain of Custody

www.xenco.com Page 1 of 1

Work Order Comments

Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project: ☐ Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Manager: Paul Porter Bill to: (if different) SAME

Company Name: BCC, Inc. Company Name:

Address: P.O. Box 53487 Address:

City, State ZIP: Lubbock TX. 79453 City, State ZIP:

Phone: (806) 771-8033 Email: bcccorp@aol.com

SAMPLE RECEIPT		Temp Blank:		Yes		No		Wet Ice:		Yes		No		Thermometer ID:		Correction Factor:		Temperature Reading:		Corrected Temperature:		Grab/Comp		# of Cont		Parameters		Pres. Code		ANALYSIS REQUEST		Preservative Codes		Sample Comments	
Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments																								
2A	S	4-4-24	10:15	6"	G	1	TRH 8015 Geo/Geo																												
2B	S	4-4-24	10:24	6"	G	1	BTEX 8021																												
2C	S	4-4-24	10:35	6"	G	1	Chlorides																												
2D	S	4-4-24	10:47	6"	G	1																													
2E	S	4-4-24	11:00	6"	G	1																													

Total 200.7/6010 200.8/6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed: TCPLP / SPLP 6010: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg: 1631 / 245.1 / 7470 / 7471

(Note: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins 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 Eurofins Xenco. A minimum charge of \$66.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.)

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>K. B. B.</u>	<u>Colby J. B.</u>	<u>4/9/24</u>	<u>Colby J. B.</u>	<u>Colby J. B.</u>	<u>4/9/24</u>

Revised Date: 06/26/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: BCC, Inc.

Job Number: 820-12793-1

SDG Number: V Cook 1Y

Login Number: 12793

List Number: 1

Creator: Triplett, Colby

List Source: Eurofins Lubbock

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist


Client: BCC, Inc.

Job Number: 820-12793-1
SDG Number: V Cook 1Y

Login Number: 12793
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 04/10/24 01:43 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



TEXLAND PETROLEUM -
HOBBS L.L.C.
V. COOK BATTERY
SEC. 29-T16S-R38E
LEA COUNTY, NEW MEXICO

04 04 2024



04 04 2024



04 04 2024



04 04 2024



04 04 2024



04 04 2024



04 04 2024

Initial Sampling 3/5/24

Texland Petroleum Hobbs, LLC
V. Cook 1Y Tank Battery
Produced Water Spill (Some Oil)
GPS Coordinates: 32.894654
-103.177702



Texland Petroleum Hobbs, LLC
V. Cook 1Y Tank Battery
Produced Water Spill (Some Oil)
GPS Coordinates: 32.894654
-103.177702



Texland Petroleum Hobbs, LLC
V. Cook 1Y Tank Battery
Produced Water Spill (Some Oil)
GPS Coordinates: 32.894654
-103.177702



Soil Sample Locations

1NS
1WS 1B 1ES
1GL-C 1SS 1GL-A
1GL-B





1GL-B

32.894674
-103.177689

1GL-C

32.894658
-103.177723

1GL-A

32.894672
-103.177658

1SS

32.894674
-103.177689

32.894659
-103.177690

1WS

32.894671
-103.177702

1ES

32.894676
-103.177677

1B

1NS

32.894688
-103.177689

03 05 2024



Environment Testing

- 1
- 2
- 3
- 4
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- 6
- 7
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- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Paul Porter
BCC, Inc.
3302 122nd St.
PO BOX 53427
Lubbock, Texas 79453

Generated 3/11/2024 7:02:45 PM Revision 1

JOB DESCRIPTION

Texland, V Cook 1Y

JOB NUMBER

820-12382-1

Eurofins Lubbock
6701 Aberdeen Ave.
Suite 8
Lubbock TX 79424

Eurofins Lubbock

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
Sylvia Garza, Project Manager
Sylvia.Garza@et.eurofinsus.com
(832)544-2004

Generated
3/11/2024 7:02:45 PM
Revision 1

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Laboratory Job ID: 820-12382-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	18
Lab Chronicle	21
Certification Summary	24
Method Summary	25
Sample Summary	26
Chain of Custody	27
Receipt Checklists	28

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Definitions/Glossary

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: BCC, Inc.
Project: Texland, V Cook 1Y

Job ID: 820-12382-1

Job ID: 820-12382-1

Eurofins Lubbock

Job Narrative 820-12382-1

REVISION

The report being provided is a revision of the original report sent on 3/11/2024. The report (revision 1) is being revised due to updated project name per chain of custody.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 3/7/2024 10:51 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -4.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: 1B (820-12382-1), 1NS (820-12382-2), 1ES (820-12382-3), 1SS (820-12382-4), 1WS (820-12382-5), 1GL-A (820-12382-6), 1GL-B (820-12382-7) and 1GL-C (820-12382-8).

GC VOA

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-75043 recovered above the upper control limit for m,p-Xylenes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-75043 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-75043/51).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: 1SS (820-12382-4), 1GL-A (820-12382-6) and 1GL-B (820-12382-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Lubbock

Client Sample Results

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Client Sample ID: 1B

Lab Sample ID: 820-12382-1

Date Collected: 03/05/24 09:30

Matrix: Solid

Date Received: 03/07/24 10:51

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/08/24 22:45	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/08/24 22:45	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/08/24 22:45	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		03/08/24 13:56	03/08/24 22:45	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/08/24 22:45	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		03/08/24 13:56	03/08/24 22:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	03/08/24 13:56	03/08/24 22:45	1
1,4-Difluorobenzene (Surr)	103		70 - 130	03/08/24 13:56	03/08/24 22:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			03/08/24 22:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			03/09/24 19:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		03/09/24 10:05	03/09/24 19:09	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		03/09/24 10:05	03/09/24 19:09	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		03/09/24 10:05	03/09/24 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130	03/09/24 10:05	03/09/24 19:09	1
o-Terphenyl (Surr)	112		70 - 130	03/09/24 10:05	03/09/24 19:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.7		5.03	mg/Kg			03/09/24 14:43	1

Client Sample ID: 1NS

Lab Sample ID: 820-12382-2

Date Collected: 03/05/24 09:34

Matrix: Solid

Date Received: 03/07/24 10:51

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/08/24 13:56	03/08/24 23:06	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/08/24 13:56	03/08/24 23:06	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/08/24 13:56	03/08/24 23:06	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		03/08/24 13:56	03/08/24 23:06	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/08/24 13:56	03/08/24 23:06	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/08/24 13:56	03/08/24 23:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	03/08/24 13:56	03/08/24 23:06	1
1,4-Difluorobenzene (Surr)	107		70 - 130	03/08/24 13:56	03/08/24 23:06	1

Eurofins Lubbock

Client Sample Results

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Client Sample ID: 1NS

Date Collected: 03/05/24 09:34

Date Received: 03/07/24 10:51

Lab Sample ID: 820-12382-2

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/08/24 23:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4	mg/Kg			03/09/24 19:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4	mg/Kg		03/09/24 10:05	03/09/24 19:31	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4	mg/Kg		03/09/24 10:05	03/09/24 19:31	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4	mg/Kg		03/09/24 10:05	03/09/24 19:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130			03/09/24 10:05	03/09/24 19:31	1
o-Terphenyl (Surr)	97		70 - 130			03/09/24 10:05	03/09/24 19:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.9		4.97	mg/Kg			03/09/24 14:57	1

Client Sample ID: 1ES

Date Collected: 03/05/24 09:38

Date Received: 03/07/24 10:51

Lab Sample ID: 820-12382-3

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/08/24 23:27	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/08/24 23:27	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/08/24 23:27	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		03/08/24 13:56	03/08/24 23:27	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/08/24 23:27	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/08/24 13:56	03/08/24 23:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130			03/08/24 13:56	03/08/24 23:27	1
1,4-Difluorobenzene (Surr)	106		70 - 130			03/08/24 13:56	03/08/24 23:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/08/24 23:27	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5	mg/Kg			03/10/24 16:59	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5	mg/Kg		03/09/24 11:45	03/10/24 16:59	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5	mg/Kg		03/09/24 11:45	03/10/24 16:59	1

Eurofins Lubbock

Client Sample Results

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Client Sample ID: 1ES

Date Collected: 03/05/24 09:38

Date Received: 03/07/24 10:51

Lab Sample ID: 820-12382-3

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.5	U	50.5	mg/Kg		03/09/24 11:45	03/10/24 16:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130			03/09/24 11:45	03/10/24 16:59	1
o-Terphenyl (Surr)	110		70 - 130			03/09/24 11:45	03/10/24 16:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.8		5.01	mg/Kg			03/09/24 15:01	1

Client Sample ID: 1SS

Date Collected: 03/05/24 09:45

Date Received: 03/07/24 10:51

Lab Sample ID: 820-12382-4

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		03/08/24 13:56	03/08/24 23:48	1
Toluene	<0.00201	U	0.00201	mg/Kg		03/08/24 13:56	03/08/24 23:48	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		03/08/24 13:56	03/08/24 23:48	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		03/08/24 13:56	03/08/24 23:48	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		03/08/24 13:56	03/08/24 23:48	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		03/08/24 13:56	03/08/24 23:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			03/08/24 13:56	03/08/24 23:48	1
1,4-Difluorobenzene (Surr)	104		70 - 130			03/08/24 13:56	03/08/24 23:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			03/08/24 23:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			03/10/24 17:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		03/09/24 11:45	03/10/24 17:21	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		03/09/24 11:45	03/10/24 17:21	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		03/09/24 11:45	03/10/24 17:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	136	S1+	70 - 130			03/09/24 11:45	03/10/24 17:21	1
o-Terphenyl (Surr)	120		70 - 130			03/09/24 11:45	03/10/24 17:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.6		4.96	mg/Kg			03/09/24 15:05	1

Eurofins Lubbock

Client Sample Results

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Client Sample ID: 1WS

Lab Sample ID: 820-12382-5

Date Collected: 03/05/24 09:49

Matrix: Solid

Date Received: 03/07/24 10:51

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/09/24 00:09	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/09/24 00:09	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/09/24 00:09	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		03/08/24 13:56	03/09/24 00:09	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/09/24 00:09	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		03/08/24 13:56	03/09/24 00:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	03/08/24 13:56	03/09/24 00:09	1
1,4-Difluorobenzene (Surr)	103		70 - 130	03/08/24 13:56	03/09/24 00:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			03/09/24 00:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4	mg/Kg			03/10/24 17:43	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4	mg/Kg		03/09/24 11:45	03/10/24 17:43	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4	mg/Kg		03/09/24 11:45	03/10/24 17:43	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4	mg/Kg		03/09/24 11:45	03/10/24 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130	03/09/24 11:45	03/10/24 17:43	1
o-Terphenyl (Surr)	108		70 - 130	03/09/24 11:45	03/10/24 17:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.8		4.98	mg/Kg			03/09/24 15:10	1

Client Sample ID: 1GL-A

Lab Sample ID: 820-12382-6

Date Collected: 03/05/24 09:54

Matrix: Solid

Date Received: 03/07/24 10:51

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/08/24 13:56	03/09/24 00:30	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/08/24 13:56	03/09/24 00:30	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/08/24 13:56	03/09/24 00:30	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		03/08/24 13:56	03/09/24 00:30	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/08/24 13:56	03/09/24 00:30	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/08/24 13:56	03/09/24 00:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	03/08/24 13:56	03/09/24 00:30	1
1,4-Difluorobenzene (Surr)	104		70 - 130	03/08/24 13:56	03/09/24 00:30	1

Eurofins Lubbock

Client Sample Results

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Client Sample ID: 1GL-A

Lab Sample ID: 820-12382-6

Date Collected: 03/05/24 09:54

Matrix: Solid

Date Received: 03/07/24 10:51

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/09/24 00:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7	mg/Kg			03/10/24 18:05	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7	mg/Kg		03/09/24 11:45	03/10/24 18:05	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7	mg/Kg		03/09/24 11:45	03/10/24 18:05	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7	mg/Kg		03/09/24 11:45	03/10/24 18:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	135	S1+	70 - 130			03/09/24 11:45	03/10/24 18:05	1
o-Terphenyl (Surr)	122		70 - 130			03/09/24 11:45	03/10/24 18:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	89.1		5.03	mg/Kg			03/09/24 15:23	1

Client Sample ID: 1GL-B

Lab Sample ID: 820-12382-7

Date Collected: 03/05/24 10:00

Matrix: Solid

Date Received: 03/07/24 10:51

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		03/08/24 13:56	03/09/24 00:50	1
Toluene	<0.00199	U	0.00199	mg/Kg		03/08/24 13:56	03/09/24 00:50	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		03/08/24 13:56	03/09/24 00:50	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		03/08/24 13:56	03/09/24 00:50	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		03/08/24 13:56	03/09/24 00:50	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		03/08/24 13:56	03/09/24 00:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130			03/08/24 13:56	03/09/24 00:50	1
1,4-Difluorobenzene (Surr)	104		70 - 130			03/08/24 13:56	03/09/24 00:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			03/09/24 00:50	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			03/10/24 18:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		03/09/24 11:45	03/10/24 18:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		03/09/24 11:45	03/10/24 18:26	1

Eurofins Lubbock

Client Sample Results

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Client Sample ID: 1GL-B

Date Collected: 03/05/24 10:00

Date Received: 03/07/24 10:51

Lab Sample ID: 820-12382-7

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		03/09/24 11:45	03/10/24 18:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	153	S1+	70 - 130			03/09/24 11:45	03/10/24 18:26	1
o-Terphenyl (Surr)	139	S1+	70 - 130			03/09/24 11:45	03/10/24 18:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.8		5.04	mg/Kg			03/09/24 15:28	1

Client Sample ID: 1GL-C

Date Collected: 03/05/24 10:05

Date Received: 03/07/24 10:51

Lab Sample ID: 820-12382-8

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/09/24 01:11	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/09/24 01:11	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/09/24 01:11	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		03/08/24 13:56	03/09/24 01:11	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/09/24 01:11	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		03/08/24 13:56	03/09/24 01:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130			03/08/24 13:56	03/09/24 01:11	1
1,4-Difluorobenzene (Surr)	100		70 - 130			03/08/24 13:56	03/09/24 01:11	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			03/09/24 01:11	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.9		49.8	mg/Kg			03/10/24 18:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		03/09/24 11:45	03/10/24 18:49	1
Diesel Range Organics (Over C10-C28)	50.9		49.8	mg/Kg		03/09/24 11:45	03/10/24 18:49	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		03/09/24 11:45	03/10/24 18:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	130		70 - 130			03/09/24 11:45	03/10/24 18:49	1
o-Terphenyl (Surr)	112		70 - 130			03/09/24 11:45	03/10/24 18:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.8		4.97	mg/Kg			03/09/24 15:32	1

Eurofins Lubbock

Surrogate Summary

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
820-12382-1	1B	99	103
820-12382-1 MS	1B	100	99
820-12382-1 MSD	1B	104	99
820-12382-2	1NS	93	107
820-12382-3	1ES	97	106
820-12382-4	1SS	103	104
820-12382-5	1WS	100	103
820-12382-6	1GL-A	101	104
820-12382-7	1GL-B	101	104
820-12382-8	1GL-C	102	100
LCS 880-75092/1-A	Lab Control Sample	95	100
LCSD 880-75092/2-A	Lab Control Sample Dup	96	96
MB 880-75036/5-A	Method Blank	78	94
MB 880-75092/5-A	Method Blank	75	96

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
820-12382-1	1B	123	112
820-12382-2	1NS	112	97
820-12382-3	1ES	126	110
820-12382-4	1SS	136 S1+	120
820-12382-5	1WS	122	108
820-12382-6	1GL-A	135 S1+	122
820-12382-7	1GL-B	153 S1+	139 S1+
820-12382-8	1GL-C	130	112
LCS 880-75146/2-A	Lab Control Sample	110	123
LCS 880-75153/2-A	Lab Control Sample	113	120
LCSD 880-75146/3-A	Lab Control Sample Dup	101	104
LCSD 880-75153/3-A	Lab Control Sample Dup	103	105
MB 880-75146/1-A	Method Blank	103	98
MB 880-75153/1-A	Method Blank	107	104

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

Eurofins Lubbock

QC Sample Results

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-75036/5-A

Matrix: Solid

Analysis Batch: 75043

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75036

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/07/24 17:04	03/08/24 10:54	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/07/24 17:04	03/08/24 10:54	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/07/24 17:04	03/08/24 10:54	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		03/07/24 17:04	03/08/24 10:54	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/07/24 17:04	03/08/24 10:54	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/07/24 17:04	03/08/24 10:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	03/07/24 17:04	03/08/24 10:54	1
1,4-Difluorobenzene (Surr)	94		70 - 130	03/07/24 17:04	03/08/24 10:54	1

Lab Sample ID: MB 880-75092/5-A

Matrix: Solid

Analysis Batch: 75043

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75092

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/08/24 22:23	1
Toluene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/08/24 22:23	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/08/24 22:23	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		03/08/24 13:56	03/08/24 22:23	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		03/08/24 13:56	03/08/24 22:23	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		03/08/24 13:56	03/08/24 22:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130	03/08/24 13:56	03/08/24 22:23	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/08/24 13:56	03/08/24 22:23	1

Lab Sample ID: LCS 880-75092/1-A

Matrix: Solid

Analysis Batch: 75043

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 75092

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1195		mg/Kg		120	70 - 130
Toluene	0.100	0.1036		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.1023		mg/Kg		102	70 - 130
m,p-Xylenes	0.200	0.2000		mg/Kg		100	70 - 130
o-Xylene	0.100	0.1016		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-75092/2-A

Matrix: Solid

Analysis Batch: 75043

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75092

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1169		mg/Kg		117	70 - 130	2	35

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QC Sample Results

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-75092/2-A

Matrix: Solid

Analysis Batch: 75043

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75092

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1040		mg/Kg		104	70 - 130	0	35
Ethylbenzene	0.100	0.1044		mg/Kg		104	70 - 130	2	35
m,p-Xylenes	0.200	0.2057		mg/Kg		103	70 - 130	3	35
o-Xylene	0.100	0.1046		mg/Kg		105	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 820-12382-1 MS

Matrix: Solid

Analysis Batch: 75043

Client Sample ID: 1B

Prep Type: Total/NA

Prep Batch: 75092

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1115		mg/Kg		111	70 - 130
Toluene	<0.00200	U	0.100	0.09519		mg/Kg		94	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09209		mg/Kg		92	70 - 130
m,p-Xylenes	<0.00401	U	0.200	0.1838		mg/Kg		92	70 - 130
o-Xylene	<0.00200	U	0.100	0.09433		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 820-12382-1 MSD

Matrix: Solid

Analysis Batch: 75043

Client Sample ID: 1B

Prep Type: Total/NA

Prep Batch: 75092

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.1246		mg/Kg		126	70 - 130	11	35
Toluene	<0.00200	U	0.0990	0.1101		mg/Kg		110	70 - 130	15	35
Ethylbenzene	<0.00200	U	0.0990	0.1089		mg/Kg		110	70 - 130	17	35
m,p-Xylenes	<0.00401	U	0.198	0.2182		mg/Kg		110	70 - 130	17	35
o-Xylene	<0.00200	U	0.0990	0.1111		mg/Kg		112	70 - 130	16	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-75146/1-A

Matrix: Solid

Analysis Batch: 75142

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75146

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/09/24 08:00	03/09/24 08:56	1

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QC Sample Results

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-75146/1-A

Matrix: Solid

Analysis Batch: 75142

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75146

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/09/24 08:00	03/09/24 08:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/09/24 08:00	03/09/24 08:56	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130			03/09/24 08:00	03/09/24 08:56	1
o-Terphenyl (Surr)	98		70 - 130			03/09/24 08:00	03/09/24 08:56	1

Lab Sample ID: LCS 880-75146/2-A

Matrix: Solid

Analysis Batch: 75142

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 75146

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1074		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1010		mg/Kg		101	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	110		70 - 130				
o-Terphenyl (Surr)	123		70 - 130				

Lab Sample ID: LCSD 880-75146/3-A

Matrix: Solid

Analysis Batch: 75142

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75146

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1011		mg/Kg		101	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	900.7		mg/Kg		90	70 - 130	11	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	101		70 - 130						
o-Terphenyl (Surr)	104		70 - 130						

Lab Sample ID: MB 880-75153/1-A

Matrix: Solid

Analysis Batch: 75169

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75153

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		03/09/24 11:45	03/10/24 09:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		03/09/24 11:45	03/10/24 09:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		03/09/24 11:45	03/10/24 09:22	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130			03/09/24 11:45	03/10/24 09:22	1

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QC Sample Results

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-75153/1-A

Matrix: Solid

Analysis Batch: 75169

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 75153

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl (Surr)	104		70 - 130	03/09/24 11:45	03/10/24 09:22	1

Lab Sample ID: LCS 880-75153/2-A

Matrix: Solid

Analysis Batch: 75169

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 75153

			Spike	LCS	LCS	%Rec					
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1084		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1008		mg/Kg		101	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	113		70 - 130								
o-Terphenyl (Surr)	120		70 - 130								

Lab Sample ID: LCSD 880-75153/3-A

Matrix: Solid

Analysis Batch: 75169

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 75153

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier				Limits		Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1040		mg/Kg		104	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	912.9		mg/Kg		91	70 - 130	10	20
										</	

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-75090/1-A

Matrix: Solid

Analysis Batch: 75122

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			03/09/24 14:30	1

Lab Sample ID: LCS 880-75090/2-A

Matrix: Solid

Analysis Batch: 75122

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	254.3		mg/Kg		102	90 - 110

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QC Sample Results

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-75090/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 75122											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	248.6		mg/Kg		99	90 - 110	2	20

Lab Sample ID: 820-12382-1 MS				Client Sample ID: 1B							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 75122											
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	76.7		252	348.0		mg/Kg		108	90 - 110		

Lab Sample ID: 820-12382-1 MSD				Client Sample ID: 1B							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 75122											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	76.7		252	342.2		mg/Kg		106	90 - 110	2	20

QC Association Summary

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

GC VOA

Prep Batch: 75036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-75036/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 75043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12382-1	1B	Total/NA	Solid	8021B	75092
820-12382-2	1NS	Total/NA	Solid	8021B	75092
820-12382-3	1ES	Total/NA	Solid	8021B	75092
820-12382-4	1SS	Total/NA	Solid	8021B	75092
820-12382-5	1WS	Total/NA	Solid	8021B	75092
820-12382-6	1GL-A	Total/NA	Solid	8021B	75092
820-12382-7	1GL-B	Total/NA	Solid	8021B	75092
820-12382-8	1GL-C	Total/NA	Solid	8021B	75092
MB 880-75036/5-A	Method Blank	Total/NA	Solid	8021B	75036
MB 880-75092/5-A	Method Blank	Total/NA	Solid	8021B	75092
LCS 880-75092/1-A	Lab Control Sample	Total/NA	Solid	8021B	75092
LCSD 880-75092/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	75092
820-12382-1 MS	1B	Total/NA	Solid	8021B	75092
820-12382-1 MSD	1B	Total/NA	Solid	8021B	75092

Prep Batch: 75092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12382-1	1B	Total/NA	Solid	5035	
820-12382-2	1NS	Total/NA	Solid	5035	
820-12382-3	1ES	Total/NA	Solid	5035	
820-12382-4	1SS	Total/NA	Solid	5035	
820-12382-5	1WS	Total/NA	Solid	5035	
820-12382-6	1GL-A	Total/NA	Solid	5035	
820-12382-7	1GL-B	Total/NA	Solid	5035	
820-12382-8	1GL-C	Total/NA	Solid	5035	
MB 880-75092/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-75092/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-75092/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
820-12382-1 MS	1B	Total/NA	Solid	5035	
820-12382-1 MSD	1B	Total/NA	Solid	5035	

Analysis Batch: 75220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12382-1	1B	Total/NA	Solid	Total BTEX	
820-12382-2	1NS	Total/NA	Solid	Total BTEX	
820-12382-3	1ES	Total/NA	Solid	Total BTEX	
820-12382-4	1SS	Total/NA	Solid	Total BTEX	
820-12382-5	1WS	Total/NA	Solid	Total BTEX	
820-12382-6	1GL-A	Total/NA	Solid	Total BTEX	
820-12382-7	1GL-B	Total/NA	Solid	Total BTEX	
820-12382-8	1GL-C	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 75142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12382-1	1B	Total/NA	Solid	8015B NM	75146

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QC Association Summary

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

GC Semi VOA (Continued)

Analysis Batch: 75142 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12382-2	1NS	Total/NA	Solid	8015B NM	75146
MB 880-75146/1-A	Method Blank	Total/NA	Solid	8015B NM	75146
LCS 880-75146/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	75146
LCSD 880-75146/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	75146

Prep Batch: 75146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12382-1	1B	Total/NA	Solid	8015NM Prep	
820-12382-2	1NS	Total/NA	Solid	8015NM Prep	
MB 880-75146/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-75146/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-75146/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 75153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12382-3	1ES	Total/NA	Solid	8015NM Prep	
820-12382-4	1SS	Total/NA	Solid	8015NM Prep	
820-12382-5	1WS	Total/NA	Solid	8015NM Prep	
820-12382-6	1GL-A	Total/NA	Solid	8015NM Prep	
820-12382-7	1GL-B	Total/NA	Solid	8015NM Prep	
820-12382-8	1GL-C	Total/NA	Solid	8015NM Prep	
MB 880-75153/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-75153/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-75153/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 75169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12382-3	1ES	Total/NA	Solid	8015B NM	75153
820-12382-4	1SS	Total/NA	Solid	8015B NM	75153
820-12382-5	1WS	Total/NA	Solid	8015B NM	75153
820-12382-6	1GL-A	Total/NA	Solid	8015B NM	75153
820-12382-7	1GL-B	Total/NA	Solid	8015B NM	75153
820-12382-8	1GL-C	Total/NA	Solid	8015B NM	75153
MB 880-75153/1-A	Method Blank	Total/NA	Solid	8015B NM	75153
LCS 880-75153/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	75153
LCSD 880-75153/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	75153

Analysis Batch: 75331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12382-1	1B	Total/NA	Solid	8015 NM	
820-12382-2	1NS	Total/NA	Solid	8015 NM	
820-12382-3	1ES	Total/NA	Solid	8015 NM	
820-12382-4	1SS	Total/NA	Solid	8015 NM	
820-12382-5	1WS	Total/NA	Solid	8015 NM	
820-12382-6	1GL-A	Total/NA	Solid	8015 NM	
820-12382-7	1GL-B	Total/NA	Solid	8015 NM	
820-12382-8	1GL-C	Total/NA	Solid	8015 NM	

Eurofins Lubbock

QC Association Summary

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

HPLC/IC

Leach Batch: 75090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12382-1	1B	Soluble	Solid	DI Leach	
820-12382-2	1NS	Soluble	Solid	DI Leach	
820-12382-3	1ES	Soluble	Solid	DI Leach	
820-12382-4	1SS	Soluble	Solid	DI Leach	
820-12382-5	1WS	Soluble	Solid	DI Leach	
820-12382-6	1GL-A	Soluble	Solid	DI Leach	
820-12382-7	1GL-B	Soluble	Solid	DI Leach	
820-12382-8	1GL-C	Soluble	Solid	DI Leach	
MB 880-75090/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-75090/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-75090/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
820-12382-1 MS	1B	Soluble	Solid	DI Leach	
820-12382-1 MSD	1B	Soluble	Solid	DI Leach	

Analysis Batch: 75122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
820-12382-1	1B	Soluble	Solid	300.0	75090
820-12382-2	1NS	Soluble	Solid	300.0	75090
820-12382-3	1ES	Soluble	Solid	300.0	75090
820-12382-4	1SS	Soluble	Solid	300.0	75090
820-12382-5	1WS	Soluble	Solid	300.0	75090
820-12382-6	1GL-A	Soluble	Solid	300.0	75090
820-12382-7	1GL-B	Soluble	Solid	300.0	75090
820-12382-8	1GL-C	Soluble	Solid	300.0	75090
MB 880-75090/1-A	Method Blank	Soluble	Solid	300.0	75090
LCS 880-75090/2-A	Lab Control Sample	Soluble	Solid	300.0	75090
LCSD 880-75090/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	75090
820-12382-1 MS	1B	Soluble	Solid	300.0	75090
820-12382-1 MSD	1B	Soluble	Solid	300.0	75090

Lab Chronicle

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Client Sample ID: 1B
Date Collected: 03/05/24 09:30
Date Received: 03/07/24 10:51

Lab Sample ID: 820-12382-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	75092	03/08/24 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 22:45	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75220	03/08/24 22:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			75331	03/09/24 19:09	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	75146	03/09/24 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/09/24 19:09	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	75090	03/08/24 13:28	SA	EET MID
Soluble	Analysis	300.0		1			75122	03/09/24 14:43	CH	EET MID

Client Sample ID: 1NS
Date Collected: 03/05/24 09:34
Date Received: 03/07/24 10:51

Lab Sample ID: 820-12382-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	75092	03/08/24 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 23:06	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75220	03/08/24 23:06	SM	EET MID
Total/NA	Analysis	8015 NM		1			75331	03/09/24 19:31	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	75146	03/09/24 10:05	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75142	03/09/24 19:31	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	75090	03/08/24 13:28	SA	EET MID
Soluble	Analysis	300.0		1			75122	03/09/24 14:57	CH	EET MID

Client Sample ID: 1ES
Date Collected: 03/05/24 09:38
Date Received: 03/07/24 10:51

Lab Sample ID: 820-12382-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	75092	03/08/24 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 23:27	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75220	03/08/24 23:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			75331	03/10/24 16:59	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	75153	03/09/24 11:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/10/24 16:59	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	75090	03/08/24 13:28	SA	EET MID
Soluble	Analysis	300.0		1			75122	03/09/24 15:01	CH	EET MID

Client Sample ID: 1SS
Date Collected: 03/05/24 09:45
Date Received: 03/07/24 10:51

Lab Sample ID: 820-12382-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	75092	03/08/24 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/08/24 23:48	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75220	03/08/24 23:48	SM	EET MID

Eurofins Lubbock

Lab Chronicle

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Client Sample ID: 1SS

Date Collected: 03/05/24 09:45

Date Received: 03/07/24 10:51

Lab Sample ID: 820-12382-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			75331	03/10/24 17:21	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	75153	03/09/24 11:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/10/24 17:21	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	75090	03/08/24 13:28	SA	EET MID
Soluble	Analysis	300.0		1			75122	03/09/24 15:05	CH	EET MID

Client Sample ID: 1WS

Date Collected: 03/05/24 09:49

Date Received: 03/07/24 10:51

Lab Sample ID: 820-12382-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	75092	03/08/24 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/09/24 00:09	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75220	03/09/24 00:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			75331	03/10/24 17:43	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	75153	03/09/24 11:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/10/24 17:43	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	75090	03/08/24 13:28	SA	EET MID
Soluble	Analysis	300.0		1			75122	03/09/24 15:10	CH	EET MID

Client Sample ID: 1GL-A

Date Collected: 03/05/24 09:54

Date Received: 03/07/24 10:51

Lab Sample ID: 820-12382-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	75092	03/08/24 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/09/24 00:30	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75220	03/09/24 00:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			75331	03/10/24 18:05	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	75153	03/09/24 11:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/10/24 18:05	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	75090	03/08/24 13:28	SA	EET MID
Soluble	Analysis	300.0		1			75122	03/09/24 15:23	CH	EET MID

Client Sample ID: 1GL-B

Date Collected: 03/05/24 10:00

Date Received: 03/07/24 10:51

Lab Sample ID: 820-12382-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	75092	03/08/24 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/09/24 00:50	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75220	03/09/24 00:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			75331	03/10/24 18:26	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	75153	03/09/24 11:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/10/24 18:26	SM	EET MID

Eurofins Lubbock

Lab Chronicle

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Client Sample ID: 1GL-B
Date Collected: 03/05/24 10:00
Date Received: 03/07/24 10:51

Lab Sample ID: 820-12382-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	75090	03/08/24 13:28	SA	EET MID
Soluble	Analysis	300.0		1			75122	03/09/24 15:28	CH	EET MID

Client Sample ID: 1GL-C
Date Collected: 03/05/24 10:05
Date Received: 03/07/24 10:51

Lab Sample ID: 820-12382-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	75092	03/08/24 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	75043	03/09/24 01:11	SM	EET MID
Total/NA	Analysis	Total BTEX		1			75220	03/09/24 01:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			75331	03/10/24 18:49	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	75153	03/09/24 11:45	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	75169	03/10/24 18:49	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	75090	03/08/24 13:28	SA	EET MID
Soluble	Analysis	300.0		1			75122	03/09/24 15:32	CH	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Laboratory: Eurofins Midland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: BCC, Inc.
Project/Site: Texland, V Cook 1Y

Job ID: 820-12382-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
820-12382-1	1B	Solid	03/05/24 09:30	03/07/24 10:51
820-12382-2	1NS	Solid	03/05/24 09:34	03/07/24 10:51
820-12382-3	1ES	Solid	03/05/24 09:38	03/07/24 10:51
820-12382-4	1SS	Solid	03/05/24 09:45	03/07/24 10:51
820-12382-5	1WS	Solid	03/05/24 09:49	03/07/24 10:51
820-12382-6	1GL-A	Solid	03/05/24 09:54	03/07/24 10:51
820-12382-7	1GL-B	Solid	03/05/24 10:00	03/07/24 10:51
820-12382-8	1GL-C	Solid	03/05/24 10:05	03/07/24 10:51

Loc: 820
12382

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 802-0300
 Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
 El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1288
 Hobbs, NM (575) 382-7550, Carlsbad, NM (575) 988-3198

**Environment Testing
Xenco**



820-12382 Chain of Custody

Page 1 of 1
www.xerco.com

Project Manager:	Paul Porter		Bill to: (if different)	SAME	
Company Name:	BCC, Inc.		Company Name:		
Address:	P.O. Box 53427		Address:		
City, State ZIP:	Lubbock, TX. 79453		City, State ZIP:		
Phone:	(806) 771-8033		Email:	bcccorp@aol.com	

Project Name: TEX LAND		Turn Around		ANALYSIS REQUEST										Preservative Codes		
Project Number:		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush													
Project Location:	V-LOOK IV	Due Date: ASAP														
Sampler's Name:	Kirk Beach	TAT starts the day received by the lab, if received by 4:30pm														
PO #:																
SAMPLE RECEIPT				Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						
Samples Received Intact:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:				12.4						
Cooler Custody Seals:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor:				-0.4						
Sample Custody Seals:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Temperature Reading:				-3.8						
Total Containers:				8		Corrected Temperature:				-4.2						
Sample Identification				Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont							
1B				S	3-5-24	9:30	36"	G	1							
1N-S				S	3-5	9:34	18"	G	1							
1E-S				S	3-5	9:38	20"	G	1							
1S-S				S	3-5	9:45	18"	G	1							
1W-S				S	3-5	9:49	20"	G	1							
1GL-A				S	3-5	9:54	0-6"	G	1							
1GL-B				S	3-5	10:00	0-6"	G	1							
1GL-C				S	3-5	10:05	0-6"	G	1							

Total	200.7 / 6010	200.8 / 6020:	8RCRA	13PPM	Texas 11	Al	Sb	As	Ba	Be	B	Cd	Ca	Cr	Co	Cu	Fe	Pb	Mg	Mn	Mo	Ni	K	Se	Ag	SiO ₂	Na	Sr	Tl	Sn	U	V	Zn
Circle Method(s) and Metal(s) to be analyzed																																	

Notices: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins 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 Eurofins Xenco. A minimum charge of \$95.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	<i>[Signature]</i>	<i>[Signature]</i>	3/7/24 10:42			
3						
5						

Revised Date: 06/25/2020 Rev. 2020.2

Login Sample Receipt Checklist

Client: BCC, Inc.

Job Number: 820-12382-1

Login Number: 12382
List Number: 1
Creator: Triplett, Colby

List Source: Eurofins Lubbock

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: BCC, Inc.

Job Number: 820-12382-1

Login Number: 12382
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 03/08/24 11:31 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

TEXLAND PETROLEUM –
HOBBS L.L.C.
V. COOK BATTERY
SEC. 29–T16S–R38E
LEA COUNTY, NEW MEXICO

03 05 2024



03 05 2024



03 05 2024



03 05 2024



03 05 2024



03 05 2024



03 05 2024

Vickie Smith

From: OCDOnline@state.nm.us
Sent: Monday, April 1, 2024 10:34 AM
To: Vickie Smith
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 328324

To whom it may concern (c/o Vickie Smith for TEXLAND PETROLEUM-HOBBS, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nPAC0625435253.

The sampling event is expected to take place:

When: 04/04/2024 @ 09:00

Where: E-29-16S-38E 1858 FNL 579 FWL (32.894989,-103.1762619)

Additional Information: Paul with BCC, Inc. 806-790-1698
Kirk with Texland Petroluem-Hobbs, LLC 806-701-5083

Additional Instructions: 32.894654, -103.177702
North of Thornhill Road, est 16 miles north of Hobbs, NM

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 343867

QUESTIONS

Operator: TEXLAND PETROLEUM-HOBBS, LLC 600 Bailey Ave, Suite 150 Fort Worth, TX 76107	OGRID:	113315
	Action Number:	343867
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nPAC0625435253
Incident Name	NPAC0625435253 KNOWLES GARRET UNIT #004 @ 30-025-37888
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-37888] KNOWLES GARRET UNIT #004

Location of Release Source	
Please answer all the questions in this group.	
Site Name	KNOWLES GARRET UNIT #004
Date Release Discovered	08/22/2006
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Human Error Tank (Any) Produced Water Released: 15 BBL Recovered: 12 BBL Lost: 3 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I

1625 N. French Dr., Hobbs, NM 88240
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District III

1000 Rio Brazos Rd., Aztec, NM 87410
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District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 2

Action 343867

QUESTIONS (continued)

Operator: TEXLAND PETROLEUM-HOBBS, LLC 600 Bailey Ave, Suite 150 Fort Worth, TX 76107	OGRID:	113315
	Action Number:	343867
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Nature and Volume of Release (continued)**

Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Vickie Smith Title: Regulatory Analyst Email: vsmith@texpetro.com Date: 05/14/2024
--	---

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

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

QUESTIONS, Page 3

Action 343867

QUESTIONS (continued)

Operator: TEXLAND PETROLEUM-HOBBS, LLC 600 Bailey Ave, Suite 150 Fort Worth, TX 76107	OGRID:	113315
	Action Number:	343867
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Estimate or Other
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	Yes
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	08/22/2006
On what date will (or did) the final sampling or liner inspection occur	04/04/2024
On what date will (or was) the remediation complete(d)	08/22/2006
What is the estimated surface area (in square feet) that will be remediated	200
What is the estimated volume (in cubic yards) that will be remediated	600
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
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District III

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

QUESTIONS, Page 4

Action 343867

QUESTIONS (continued)

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QUESTIONS**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

Is (or was) there affected material present needing to be removed	Yes
Is (or was) there a power wash of the lined containment area (to be) performed	No
OTHER (Non-listed remedial process)	No

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement	Name: Vickie Smith Title: Regulatory Analyst Email: vsmith@texpetro.com Date: 05/14/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 6

Action 343867

QUESTIONS (continued)

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QUESTIONS

Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	{Unavailable.}
Was all the impacted materials removed from the liner	Unavailable.

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	Yes
What was the total surface area (in square feet) remediated	200
What was the total volume (cubic yards) remediated	600
Summarize any additional remediation activities not included by answers (above)	contaminated area was removed and taken to GMI, Inc. and replaced with clean topsoil and caliche

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 (in .pdf format) 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.

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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Vickie Smith Title: Regulatory Analyst Email: vsmith@texpetro.com Date: 05/14/2024
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CONDITIONS

Action 343867

CONDITIONS

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	113315
	Action Number:
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CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	5/14/2024