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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	NGRL0835833263
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Chevron USA	OGRID: 4323
Contact Name: Amy Barnhill	Contact Telephone: 432-687-7108
Contact email: ABarnhill@chevron.com	Incident # *(assigned by OCD)*
Contact mailing address: 6301 Deauville Blvd Midland, Tx 79706	

Location of Release Source

Latitude 32.3855171 Longitude -103.1711349
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: R E Cole #002	Site Type: Oil
Date Release Discovered: 8-19-05	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
N	16	22S	37E	Lea

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☒ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: A 20 inch gathering line ruptured and released 1887 mscf of field gas, which ignited. Eunice emergency services were contacted and the line was blocked in. Rule 118 H2S Contingency Plan was followed for response. 3-5 acres of vegetation burned. Larson & Associates was contracted to do soil sampling along impacted line to determine if any remediation activities were required. The area was excavated and samples obtained to show cleanup to OCD requirements. TARGA will replace top soil and reseed area to insure vegetation is restored to normal state. TARGA hauled 1100 yards of top soil to the site and spread to a thickness of 4 to 6 inches. 300# of winter wheat was seeded. Site will be evaluated after rain and more seed planted if needed.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NGRL0835833263
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Amy Barnhill Title: Water Specialist

Signature: Amy Barnhill Date: 2-7-22

email: ABarnhill@chevron.com Telephone: 432-687-7108

OCD Only

Received by: Date:

CLOSURE REQUEST REPORT

Chevron Corporation
R E Cole #002
Lea County, New Mexico
Unit Letter ñNò, Section 16, Township 22 South, Range 37 East
Latitude 32.385426º North, Longitude 103.171004º West
NMOCD Reference #: nGRL0835833263

Prepared For:

Chevron Corporation
6301 Deauville Blvd.
Midland, TX 79706

Prepared By:

Etech Environmental & Safety Solutions, Inc.
P.O. Box 62228
Midland, Texas 79711

February 11, 2022

Blake Estep
Project Manager

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APPENDICES

INTRODUCTION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Chevron Corporation, has prepared this Closure Request for the Release Site known as R E Cole #002. The legal description of the Release Site is Unit Letter "N", Section 16, Township 22 South, Range 37 East, in Lea County, New Mexico. The Release Site GPS coordinates are 32.385426° North and 103.171004° West. A "Site Location Topographic Map" is provided as Figure 1. A copy of the Release Notification and Corrective Action (NMCOD Form C-141) is provided as Appendix D.

On August 19, 2005, a reportable release was discovered by Chesapeake at the R E Cole #002 site (Release Site). The injection line developed a leak due to internal corrosion. Approximately one-thousand eight-hundred eighty-seven (1,887) Mcf of natural gas was released causing a fire to burn approximately three (3) to five (5) acres of pasture.

Photographic documentation for the R E Cole #002 Release Site is provided as Appendix B.

NMOCD SITE CLASSIFICATION

A search of the groundwater database maintained by United States Geological Survey (USGS) did not identify any registered water wells within a quarter (1/4) mile of the R E Cole #002. A further search of the USGS database identified the closest registered water well is USGS Well #: 322307103095801 located approximately 0.37 miles northeast of the Release Site. The USGS database indicated groundwater should be encountered at approximately sixty-four (64) feet below ground surface (bgs). No water wells were observed within one thousand (1,000) feet of the Release Site. No surface water was observed within one thousand (1,000) feet of the Release Site. "Aerial Proximity Map" is provided as Figure 2.

The R E Cole #002 is not considered to be in a karst area and is considered stable. Based on the NMOCD site classification system, the following soil remediation levels were assigned to the R E Cole #002 Site as a result of this criterion.

- Benzene – 10 mg/Kg (ppm)
- BTEX – 50 mg/Kg (ppm)
- TPH – 2,500 mg/Kg (ppm)
- Chloride – 10,000 mg/Kg (ppm)

INITIAL SITE ASSESSMENT AND DELINEATION

On January 6, 2022, Etech conducted an assessment and sampling event at the R E Cole #002 to determine the condition of the soil where it was believed the spill had occurred. Two (2) soil borings were installed, and samples were collected at the first six (6) inches and forty-eight (48) inches bgs unless refusal was met (refer to Figure 1). Refusal was met at a depth of thirty-six (36) inches bgs at both Auger Holes. Samples were submitted to Xenco Eurofins to be analyzed for total petroleum hydrocarbons (TPH), chlorides, and benzene, toluene, ethylbenzene & xylenes (BTEX) concentrations. A "Site and Sample Location Map" is provided as Figure 3.

Laboratory results indicated TPH, chloride, and BTEX concentrations were below the NMOCD Closure Criteria and/or the NMOCD Reclamation Standards in each of the submitted soil samples (refer to Table 1).

Analytical reports are provided as Appendix C.

SITE CLOSURE REQUEST

Laboratory analytical results indicate TPH, Chloride and BTEX concentrations were below the NMOCD Closure Criteria and/or the NMOCD Reclamation Standards in each of the submitted soil samples. Based on laboratory analytical results and field observations made during the initial site assessment, the affected area appears to be restored to its original condition and vegetation growth has been occurring at a steady rate. Etech, on behalf of Chevron, respectfully request that the NMOCD District 1 Office grant site closure to the R E Cole #002 (NMOCD Incident ID: nGRL0835833263).

LIMITATIONS

Etech has prepared this Closure Request and Remediation Summary Report to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. Etech has prepared this report, in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report. This report has been prepared for the benefit of Chevron Corporation. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Etech and/or Chevron Corporation.

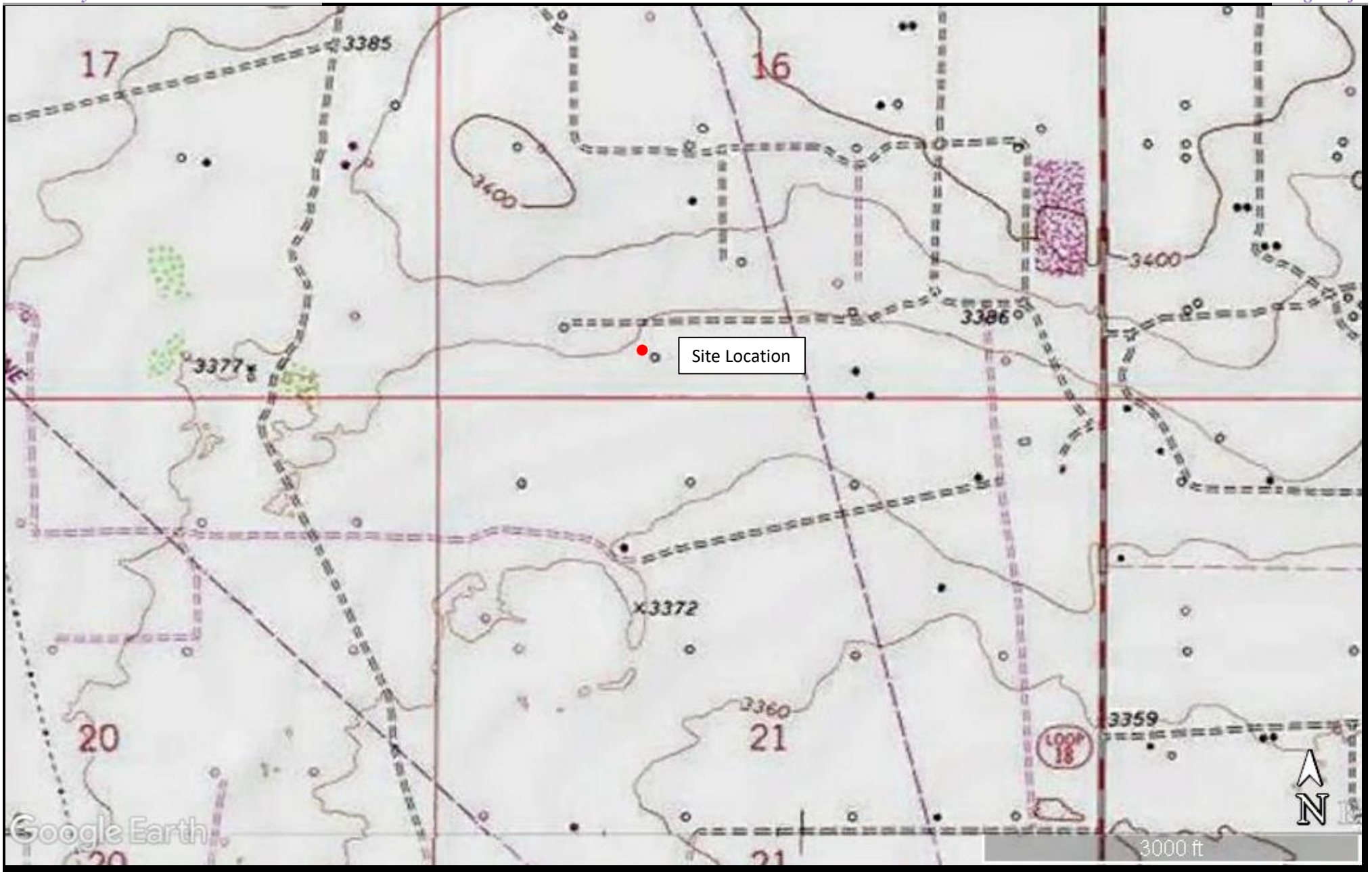
DISTRIBUTION

Copy 1: New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

Copy 2: Amy Barnhill
Chevron
6301 Deauville Bulverde
Midland, Texas 79706

Copy 3: Etech Environmental & Safety Solutions, Inc.
P.O. Box 62228
Midland, Texas 79711

FIGURES



Legend:

- Site Location

Figure 1

Topographic Map

Chevron Corporation

R E Cole #002

GPS: 32.385426, -103.171004

Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted:

Date: 2/2/22

Legend:

- Site Location
- Fresh Water Well
- 100-Year Floodplain
- High/Critical Karst
- Non-Industrial Building
- Subsurface Mine

Figure 2
Aerial Proximity Map
Chevron Corporation
R E Cole #002
GPS: 32.385426, -103.171004
Lea County

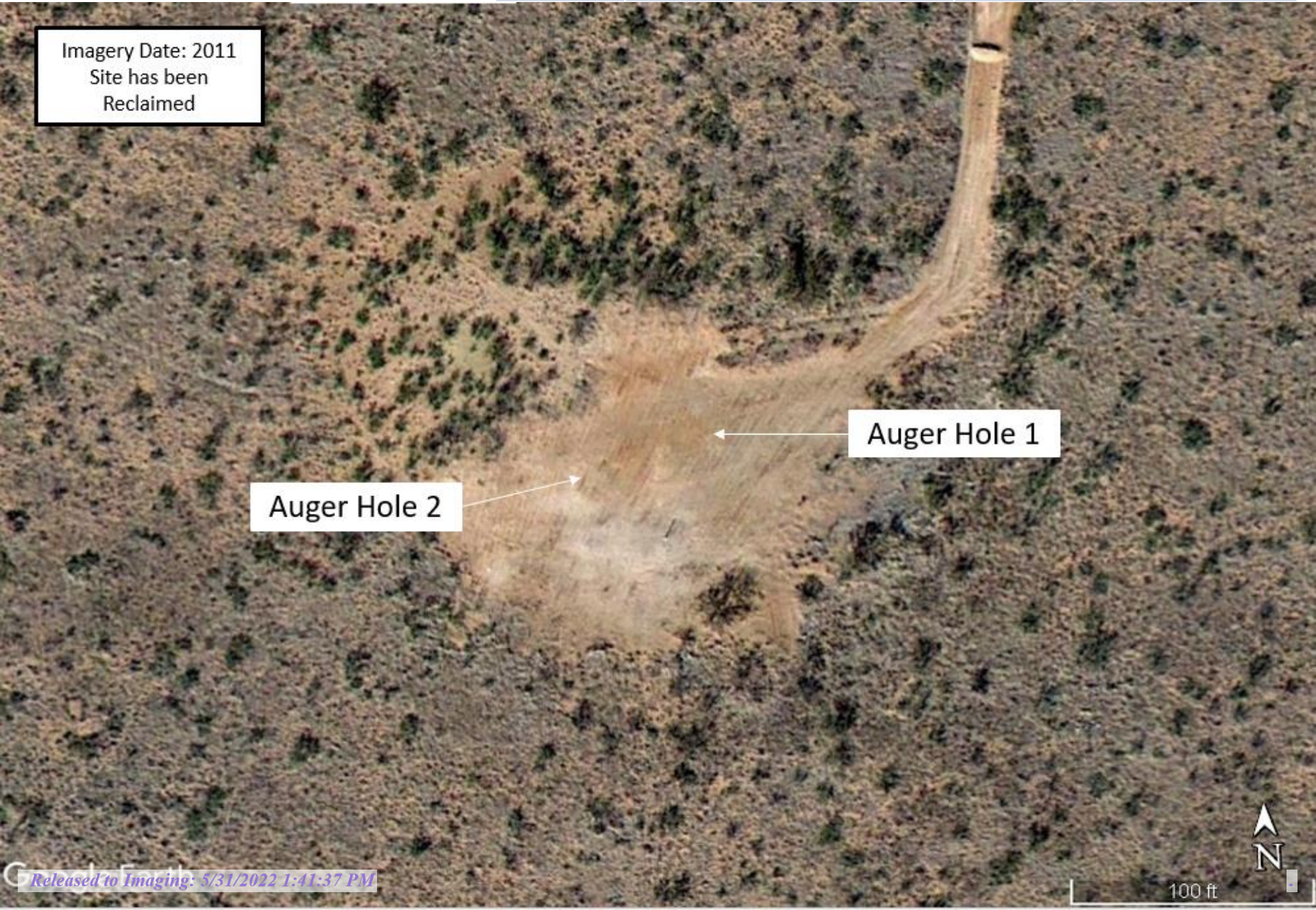
eTECH Environmental & Safety Solutions, Inc.

Drafted: Date: 2/2/22

Environmental & Safety Solutions, Inc.

Site Diagram©

Project Name:	R E Cole #002	Project No.:	15318
Date Sampled:	January 6, 2022	GPS:	32.385426, -103.171004



TABLES

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

CHEVRON CORPORATION

R E COLE #002

LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg

SAMPLE LOCATION	DEPTH	SAMPLE DATE	METHODS: SW 846-8021B						METHOD: SW 8015M					E 300.0
			BENZENE	TOLUENE	ETHYL-BENZENE	m, p - XYLENES	o - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C_6-C_{12}	TPH DRO C_{12}-C_{28}	TPH ORO C_{28}-C_{35}	TOTAL TPH C_6-C_{35}	CHLORIDE
			10 mg/Kg						50 mg/Kg				100 mg/Kg	600 mg/Kg
AH-1	0-6"	1/6/2022	ND	ND	ND	ND	ND	ND	ND	ND	50.900	ND	50.900	8
AH-1	30-36"	1/6/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5
AH-2	0-6"	1/6/2022	ND	ND	ND	ND	ND	ND	ND	ND	72.8	ND	72.8	ND
AH-2	30-36"	1/6/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Bold and Yellow Highlighted indicates Analyte Above NMOCD Regulatory Limit

ND - Analyte Not Detected at or above the laboratory reporting limit

**** - Sample area was eliminated during further excavation activities.**

APPENDICES

Appendix A – Depth to Groundwater Information

New Mexico Office of the State Engineer
Wells with Well Log Information

No wells found.

UTMNAD83 Radius Search (in meters):

Easting (X): 672031 **Northing (Y):** 3584639 **Radius:** 804

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
	CP 00391 POD1	4	4	4	17	22S	37E	671426	3584623*

Driller License: 122 **Driller Company:** UNKNOWN

Driller Name:

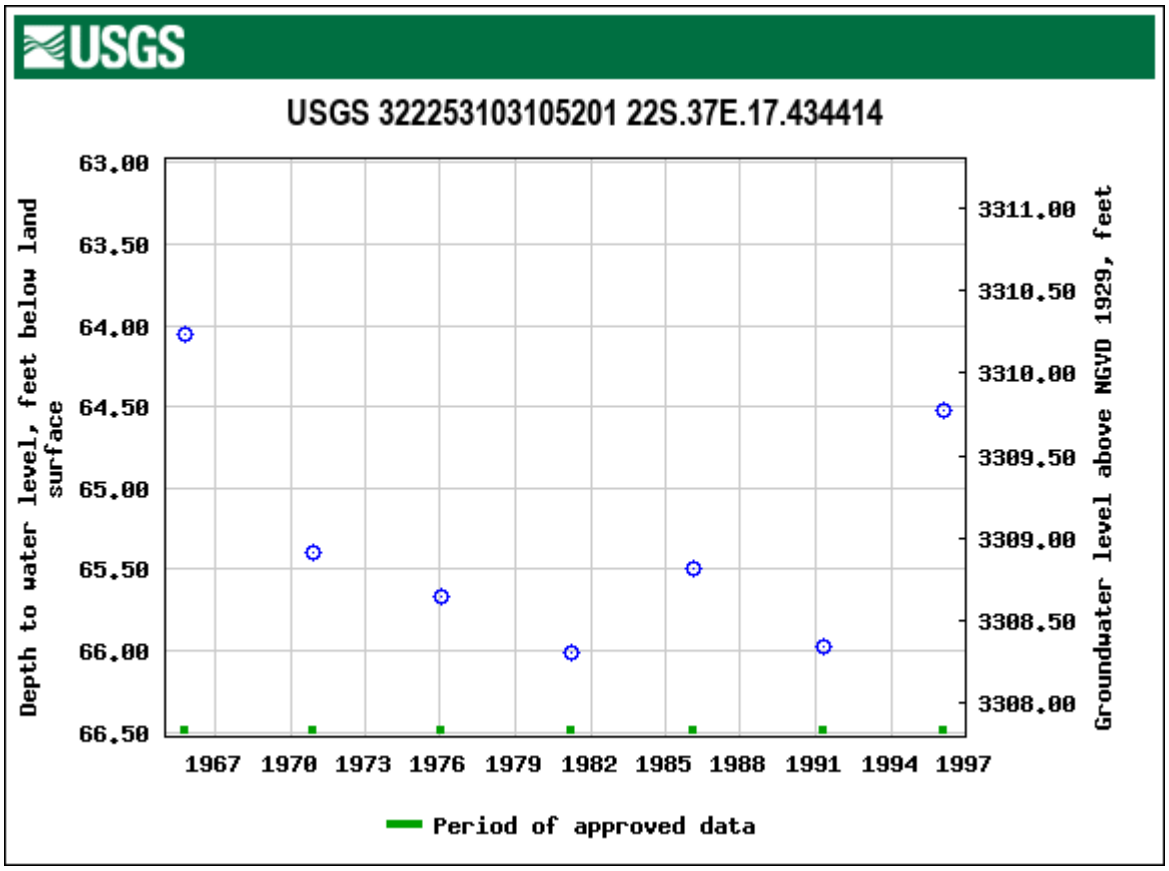
Drill Start Date: **Drill Finish Date:** **Plug Date:**

Log File Date: **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 10 GPM

Casing Size: 8.00 **Depth Well:** 96 feet **Depth Water:**

***UTM location was derived from PLSS - see Help**


USGS
USGS 322253103105201 22S.37E.17.434414
Depth to water level, feet below land surface
63.00
63.50
64.00
64.50
65.00
65.50
66.00
66.50
Groundwater level above NGVD 1929, feet
3311.00
3310.50
3310.00
3309.50
3309.00
3308.50
3308.00
1967 1970 1973 1976 1979 1982 1985 1988 1991 1994 1997
Period of approved data

Legend:

- Site Location
- USGS Water Well

Figure 11

USGS Well Proximity Map

Chevron Corporation

R E Cole #002

GPS: 32.385426, -103.171004

Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted:

Date: 2/2/22

Appendix B – Photographic Documentation

Project Name: *R E Cole #002*
Project No: *15318*

Photographic Documentation

Photo No: **1.**	
Direction Taken: South	
Description: View during assessment and delineation event.	

Photo No: **2.**	
Direction Taken: East	
Description: View during assessment and delineation event.	

Project Name: *R E Cole #002*
Project No: *15318*

Photographic Documentation

Photo No: **3.**	
Direction Taken: North	
Description: View during assessment and delineation event.	

Photo No: **4.**	
Direction Taken: West	
Description: View during assessment and delineation event.	

Appendix C – Analytical Reports

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-9959-1
Client Project/Site: R E Cole #002

For:
Etech Environmental & Safety Solutions
PO BOX 62228
Midland, Texas 79711

Attn: Brandon Wilson

JKramer

Authorized for release by:
1/13/2022 8:22:29 AM

Jessica Kramer, Project Manager
(432)704-5440
jessica.kramer@eurofinset.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Etech Environmental & Safety Solutions
Project/Site: R E Cole #002

Laboratory Job ID: 880-9959-1

Table of Contents

Definitions/Glossary

Client: Etech Environmental & Safety Solutions Job ID: 880-9959-1
Project/Site: R E Cole #002

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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: Etech Environmental & Safety Solutions
Project/Site: R E Cole #002

Job ID: 880-9959-1

Job ID: 880-9959-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-9959-1

Receipt
The samples were received on 1/7/2022 1:05 PM. 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 5.4°C

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-16273 and analytical batch 880-16341 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-16424 and analytical batch 880-16336 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-16437 and analytical batch 880-16545 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Etech Environmental & Safety Solutions Job ID: 880-9959-1
Project/Site: R E Cole #002

Client Sample ID: Auger Hole 1 Lab Sample ID: 880-9959-1

Date Collected: 01/06/22 14:00 **Matrix: Solid**
Date Received: 01/07/22 13:05
Sample Depth: 0-6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/07/22 14:21	01/10/22 17:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 14:21	01/10/22 17:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 14:21	01/10/22 17:33	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/07/22 14:21	01/10/22 17:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 14:21	01/10/22 17:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/07/22 14:21	01/10/22 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*01/07/22 14:21*	*01/10/22 17:33*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*01/07/22 14:21*	*01/10/22 17:33*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/12/22 12:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**50.9**		50.0		mg/Kg			01/11/22 14:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/07/22 15:29	01/09/22 01:40	1
Diesel Range Organics (Over C10-C28)	**50.9**		50.0		mg/Kg		01/07/22 15:29	01/09/22 01:40	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/07/22 15:29	01/09/22 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*70 - 130*	*01/07/22 15:29*	*01/09/22 01:40*	*1*
o-Terphenyl	*75*		*70 - 130*	*01/07/22 15:29*	*01/09/22 01:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.33**		4.99		mg/Kg			01/12/22 12:01	1

Client Sample ID: Auger Hole 1 Lab Sample ID: 880-9959-2

Date Collected: 01/06/22 14:02 **Matrix: Solid**
Date Received: 01/07/22 13:05
Sample Depth: 30-06"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/07/22 14:21	01/10/22 17:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/07/22 14:21	01/10/22 17:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/07/22 14:21	01/10/22 17:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/07/22 14:21	01/10/22 17:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/07/22 14:21	01/10/22 17:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/07/22 14:21	01/10/22 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*01/07/22 14:21*	*01/10/22 17:53*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-9959-1
Project/Site: R E Cole #002

Client Sample ID: Auger Hole 1
Lab Sample ID: 880-9959-2
Date Collected: 01/06/22 14:02
Matrix: Solid
Date Received: 01/07/22 13:05
Sample Depth: 30-06"

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/07/22 14:21*	*01/10/22 17:53*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/12/22 12:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/11/22 14:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/07/22 15:29	01/09/22 02:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/07/22 15:29	01/09/22 02:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 15:29	01/09/22 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 130*	*01/07/22 15:29*	*01/09/22 02:00*	*1*
o-Terphenyl	*79*		*70 - 130*	*01/07/22 15:29*	*01/09/22 02:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.27**		4.98		mg/Kg			01/12/22 12:10	1

Client Sample ID: Auger Hole 2
Lab Sample ID: 880-9959-3
Date Collected: 01/06/22 14:04
Matrix: Solid
Date Received: 01/07/22 13:05
Sample Depth: 0-6"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/07/22 14:21	01/10/22 18:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 14:21	01/10/22 18:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 14:21	01/10/22 18:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 14:21	01/10/22 18:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 14:21	01/10/22 18:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 14:21	01/10/22 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*01/07/22 14:21*	*01/10/22 18:13*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*01/07/22 14:21*	*01/10/22 18:13*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/12/22 12:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**72.8**		49.9		mg/Kg			01/11/22 14:19	1

Eurofins Midland

Client Sample Results

Client: Etech Environmental & Safety Solutions Job ID: 880-9959-1
Project/Site: R E Cole #002

Client Sample ID: Auger Hole 2 Lab Sample ID: 880-9959-3

Date Collected: 01/06/22 14:04 **Matrix: Solid**
Date Received: 01/07/22 13:05
Sample Depth: 0-6"

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/07/22 15:29	01/09/22 02:20	1
Diesel Range Organics (Over C10-C28)	72.8		49.9		mg/Kg		01/07/22 15:29	01/09/22 02:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/07/22 15:29	01/09/22 02:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*72*		*70 - 130*	*01/07/22 15:29*	*01/09/22 02:20*	*1*
o-Terphenyl	*75*		*70 - 130*	*01/07/22 15:29*	*01/09/22 02:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/12/22 12:40	1

Client Sample ID: Auger Hole 2 Lab Sample ID: 880-9959-4

Date Collected: 01/06/22 14:06 **Matrix: Solid**
Date Received: 01/07/22 13:05
Sample Depth: 30-36"

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/07/22 14:21	01/10/22 18:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/07/22 14:21	01/10/22 18:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/07/22 14:21	01/10/22 18:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/07/22 14:21	01/10/22 18:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/07/22 14:21	01/10/22 18:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/07/22 14:21	01/10/22 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*01/07/22 14:21*	*01/10/22 18:34*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*01/07/22 14:21*	*01/10/22 18:34*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/12/22 13:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/11/22 14:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/10/22 11:18	01/10/22 23:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/10/22 11:18	01/10/22 23:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/10/22 11:18	01/10/22 23:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*01/10/22 11:18*	*01/10/22 23:45*	*1*
o-Terphenyl	*91*		*70 - 130*	*01/10/22 11:18*	*01/10/22 23:45*	*1*

Client Sample Results

Client: Etech Environmental & Safety Solutions
Job ID: 880-9959-1
Project/Site: R E Cole #002

Client Sample ID: Auger Hole 2
Lab Sample ID: 880-9959-4
Date Collected: 01/06/22 14:06
Matrix: Solid
Date Received: 01/07/22 13:05
Sample Depth: 30-36"

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			01/12/22 12:50	1

Surrogate Summary

Client: Etech Environmental & Safety Solutions
Project/Site: R E Cole #002

Job ID: 880-9959-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-9959-1	Auger Hole 1	114	84
880-9959-2	Auger Hole 1	124	97
880-9959-3	Auger Hole 2	127	102
880-9959-4	Auger Hole 2	125	112
890-1799-A-2-F MS	Matrix Spike	119	91
890-1799-A-2-G MSD	Matrix Spike Duplicate	120	105
LCS 880-16273/1-A	Lab Control Sample	101	91
LCSD 880-16273/2-A	Lab Control Sample Dup	105	96
MB 880-16273/5-A	Method Blank	120	108

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-9959-1	Auger Hole 1	71	75
880-9959-2	Auger Hole 1	73	79
880-9959-3	Auger Hole 2	72	75
880-9959-4	Auger Hole 2	91	91
890-1808-A-1-E MS	Matrix Spike	75	66 S1-
890-1808-A-1-F MSD	Matrix Spike Duplicate	77	75

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO2	OTPH2
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
LCS 880-16424/2-A	Lab Control Sample	88	82
LCSD 880-16424/3-A	Lab Control Sample Dup	90	85
MB 880-16424/1-A	Method Blank	85	86

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Etech Environmental & Safety Solutions Job ID: 880-9959-1
Project/Site: R E Cole #002

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-16273/5-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 16341 **Prep Batch: 16273**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/07/22 14:21	01/10/22 10:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/22 14:21	01/10/22 10:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/22 14:21	01/10/22 10:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/07/22 14:21	01/10/22 10:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/22 14:21	01/10/22 10:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/07/22 14:21	01/10/22 10:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*01/07/22 14:21*	*01/10/22 10:50*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*01/07/22 14:21*	*01/10/22 10:50*	*1*

Lab Sample ID: LCS 880-16273/1-A **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 16341 **Prep Batch: 16273**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.08151		mg/Kg		82	70 - 130		
Toluene			0.100	0.09588		mg/Kg		96	70 - 130		
Ethylbenzene			0.100	0.09731		mg/Kg		97	70 - 130		
m-Xylene & p-Xylene			0.200	0.1896		mg/Kg		95	70 - 130		
o-Xylene			0.100	0.09479		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 880-16273/2-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 16341 **Prep Batch: 16273**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.09529		mg/Kg		95	70 - 130	16	35
Toluene			0.100	0.09785		mg/Kg		98	70 - 130	2	35
Ethylbenzene			0.100	0.09925		mg/Kg		99	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1988		mg/Kg		99	70 - 130	5	35
o-Xylene			0.100	0.09916		mg/Kg		99	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 890-1799-A-2-F MS **Client Sample ID: Matrix Spike**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 16341 **Prep Batch: 16273**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	<0.00202	U F1 F2	0.101	0.006701	F1	mg/Kg		7	70 - 130		
Toluene	<0.00202	U F1 F2	0.101	0.006686	F1	mg/Kg		7	70 - 130		

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: R E Cole #002

Job ID: 880-9959-1

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

Lab Sample ID: 890-1799-A-2-F MS
Matrix: Solid
Analysis Batch: 16341

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 16273

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	<0.00202	U F1 F2	0.101	0.01593	F1	mg/Kg		16	70 - 130
m-Xylene & p-Xylene	<0.00403	U F1 F2	0.202	0.01584	F1	mg/Kg		8	70 - 130
o-Xylene	<0.00202	U F1 F2	0.101	0.01351	F1	mg/Kg		13	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: 890-1799-A-2-G MSD
Matrix: Solid
Analysis Batch: 16341

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 16273

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00202	U F1 F2	0.100	0.02359	F1 F2	mg/Kg		24	70 - 130	112	35
Toluene	<0.00202	U F1 F2	0.100	0.02568	F1 F2	mg/Kg		26	70 - 130	117	35
Ethylbenzene	<0.00202	U F1 F2	0.100	0.02942	F1 F2	mg/Kg		29	70 - 130	60	35
m-Xylene & p-Xylene	<0.00403	U F1 F2	0.200	0.03270	F1 F2	mg/Kg		16	70 - 130	69	35
o-Xylene	<0.00202	U F1 F2	0.100	0.03210	F1 F2	mg/Kg		32	70 - 130	81	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

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

Lab Sample ID: MB 880-16424/1-A
Matrix: Solid
Analysis Batch: 16336

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 16424

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/10/22 11:18	01/10/22 20:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/10/22 11:18	01/10/22 20:35	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/10/22 11:18	01/10/22 20:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*01/10/22 11:18*	*01/10/22 20:35*	*1*
o-Terphenyl	*86*		*70 - 130*	*01/10/22 11:18*	*01/10/22 20:35*	*1*

Lab Sample ID: LCS 880-16424/2-A
Matrix: Solid
Analysis Batch: 16336

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 16424

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	826.7		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	1000	915.4		mg/Kg		92	70 - 130

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: R E Cole #002

Job ID: 880-9959-1

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

Lab Sample ID: LCS 880-16424/2-A
Matrix: Solid
Analysis Batch: 16336

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 16424

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	88		70 - 130
o-Terphenyl	82		70 - 130

Lab Sample ID: LCSD 880-16424/3-A
Matrix: Solid
Analysis Batch: 16336

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 16424

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	841.5		mg/Kg		84	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	916.2		mg/Kg		92	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	85		70 - 130

Lab Sample ID: 890-1808-A-1-E MS
Matrix: Solid
Analysis Batch: 16336

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 16424

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	977.5		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	996	851.8		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	75		70 - 130
o-Terphenyl	66	S1-	70 - 130

Lab Sample ID: 890-1808-A-1-F MSD
Matrix: Solid
Analysis Batch: 16336

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 16424

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1093		mg/Kg		107	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	862.8		mg/Kg		86	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	77		70 - 130
o-Terphenyl	75		70 - 130

QC Sample Results

Client: Etech Environmental & Safety Solutions
Project/Site: R E Cole #002

Job ID: 880-9959-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-16437/1-A
Matrix: Solid
Analysis Batch: 16545

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/12/22 10:42	1

Lab Sample ID: LCS 880-16437/2-A
Matrix: Solid
Analysis Batch: 16545

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	257.9		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-16437/3-A
Matrix: Solid
Analysis Batch: 16545

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	260.2		mg/Kg		104	90 - 110	1	20

Lab Sample ID: 880-9958-A-2-D MS
Matrix: Solid
Analysis Batch: 16545

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	<4.96	U F1	248	278.3	F1	mg/Kg		111	90 - 110		

Lab Sample ID: 880-9958-A-2-E MSD
Matrix: Solid
Analysis Batch: 16545

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<4.96	U F1	248	273.2		mg/Kg		109	90 - 110	2	20

QC Association Summary

Client: Etech Environmental & Safety Solutions Job ID: 880-9959-1
Project/Site: R E Cole #002

GC VOA

Prep Batch: 16273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9959-1	Auger Hole 1	Total/NA	Solid	5035	
880-9959-2	Auger Hole 1	Total/NA	Solid	5035	
880-9959-3	Auger Hole 2	Total/NA	Solid	5035	
880-9959-4	Auger Hole 2	Total/NA	Solid	5035	
MB 880-16273/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-16273/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-16273/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1799-A-2-F MS	Matrix Spike	Total/NA	Solid	5035	
890-1799-A-2-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 16341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9959-1	Auger Hole 1	Total/NA	Solid	8021B	16273
880-9959-2	Auger Hole 1	Total/NA	Solid	8021B	16273
880-9959-3	Auger Hole 2	Total/NA	Solid	8021B	16273
880-9959-4	Auger Hole 2	Total/NA	Solid	8021B	16273
MB 880-16273/5-A	Method Blank	Total/NA	Solid	8021B	16273
LCS 880-16273/1-A	Lab Control Sample	Total/NA	Solid	8021B	16273
LCSD 880-16273/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	16273
890-1799-A-2-F MS	Matrix Spike	Total/NA	Solid	8021B	16273
890-1799-A-2-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	16273

Analysis Batch: 16668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9959-1	Auger Hole 1	Total/NA	Solid	Total BTEX	
880-9959-2	Auger Hole 1	Total/NA	Solid	Total BTEX	
880-9959-3	Auger Hole 2	Total/NA	Solid	Total BTEX	
880-9959-4	Auger Hole 2	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 16295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9959-1	Auger Hole 1	Total/NA	Solid	8015NM Prep	
880-9959-2	Auger Hole 1	Total/NA	Solid	8015NM Prep	
880-9959-3	Auger Hole 2	Total/NA	Solid	8015NM Prep	

Analysis Batch: 16326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9959-1	Auger Hole 1	Total/NA	Solid	8015B NM	16295
880-9959-2	Auger Hole 1	Total/NA	Solid	8015B NM	16295
880-9959-3	Auger Hole 2	Total/NA	Solid	8015B NM	16295

Analysis Batch: 16336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9959-4	Auger Hole 2	Total/NA	Solid	8015B NM	16424
MB 880-16424/1-A	Method Blank	Total/NA	Solid	8015B NM	16424
LCS 880-16424/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	16424
LCSD 880-16424/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	16424
890-1808-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	16424
890-1808-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	16424

QC Association Summary

Client: Etech Environmental & Safety Solutions Job ID: 880-9959-1
Project/Site: R E Cole #002

GC Semi VOA

Prep Batch: 16424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9959-4	Auger Hole 2	Total/NA	Solid	8015NM Prep	
MB 880-16424/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-16424/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-16424/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-1808-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-1808-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 16554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9959-1	Auger Hole 1	Total/NA	Solid	8015 NM	
880-9959-2	Auger Hole 1	Total/NA	Solid	8015 NM	
880-9959-3	Auger Hole 2	Total/NA	Solid	8015 NM	
880-9959-4	Auger Hole 2	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 16437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9959-1	Auger Hole 1	Soluble	Solid	DI Leach	
880-9959-2	Auger Hole 1	Soluble	Solid	DI Leach	
880-9959-3	Auger Hole 2	Soluble	Solid	DI Leach	
880-9959-4	Auger Hole 2	Soluble	Solid	DI Leach	
MB 880-16437/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-16437/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-16437/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-9958-A-2-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-9958-A-2-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 16545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-9959-1	Auger Hole 1	Soluble	Solid	300.0	16437
880-9959-2	Auger Hole 1	Soluble	Solid	300.0	16437
880-9959-3	Auger Hole 2	Soluble	Solid	300.0	16437
880-9959-4	Auger Hole 2	Soluble	Solid	300.0	16437
MB 880-16437/1-A	Method Blank	Soluble	Solid	300.0	16437
LCS 880-16437/2-A	Lab Control Sample	Soluble	Solid	300.0	16437
LCSD 880-16437/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	16437
880-9958-A-2-D MS	Matrix Spike	Soluble	Solid	300.0	16437
880-9958-A-2-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	16437

Lab Chronicle

Client: Etech Environmental & Safety Solutions

Job ID: 880-9959-1

Project/Site: R E Cole #002

Client Sample ID: Auger Hole 1

Lab Sample ID: 880-9959-1

Date Collected: 01/06/22 14:00

Matrix: Solid

Date Received: 01/07/22 13:05

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	16273	01/07/22 14:21	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16341	01/10/22 17:33	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16295	01/07/22 15:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16326	01/09/22 01:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	16437	01/10/22 13:11	CH	XEN MID
Soluble	Analysis	300.0		1			16545	01/12/22 12:01	CH	XEN MID

Client Sample ID: Auger Hole 1

Lab Sample ID: 880-9959-2

Date Collected: 01/06/22 14:02

Matrix: Solid

Date Received: 01/07/22 13:05

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	16273	01/07/22 14:21	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16341	01/10/22 17:53	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16295	01/07/22 15:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16326	01/09/22 02:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	16437	01/10/22 13:11	CH	XEN MID
Soluble	Analysis	300.0		1			16545	01/12/22 12:10	CH	XEN MID

Client Sample ID: Auger Hole 2

Lab Sample ID: 880-9959-3

Date Collected: 01/06/22 14:04

Matrix: Solid

Date Received: 01/07/22 13:05

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	16273	01/07/22 14:21	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16341	01/10/22 18:13	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 12:57	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	16295	01/07/22 15:29	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16326	01/09/22 02:20	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	16437	01/10/22 13:11	CH	XEN MID
Soluble	Analysis	300.0		1			16545	01/12/22 12:40	CH	XEN MID

Client Sample ID: Auger Hole 2

Lab Sample ID: 880-9959-4

Date Collected: 01/06/22 14:06

Matrix: Solid

Date Received: 01/07/22 13:05

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	16273	01/07/22 14:21	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	16341	01/10/22 18:34	KL	XEN MID
Total/NA	Analysis	Total BTEX		1			16668	01/12/22 13:10	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Etech Environmental & Safety Solutions
Job ID: 880-9959-1
Project/Site: R E Cole #002

Client Sample ID: Auger Hole 2
Lab Sample ID: 880-9959-4
Date Collected: 01/06/22 14:06
Matrix: Solid
Date Received: 01/07/22 13:05

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			16554	01/11/22 14:19	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	16424	01/10/22 11:18	DM	XEN MID
Total/NA	Analysis	8015B NM		1			16336	01/10/22 23:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	16437	01/10/22 13:11	CH	XEN MID
Soluble	Analysis	300.0		1			16545	01/12/22 12:50	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Etech Environmental & Safety Solutions
Job ID: 880-9959-1
Project/Site: R E Cole #002

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Etech Environmental & Safety Solutions
Project/Site: R E Cole #002

Job ID: 880-9959-1

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

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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:

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

Sample Summary

Client: Etech Environmental & Safety Solutions
Project/Site: R E Cole #002

Job ID: 880-9959-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-9959-1	Auger Hole 1	Solid	01/06/22 14:00	01/07/22 13:05	0-6"
880-9959-2	Auger Hole 1	Solid	01/06/22 14:02	01/07/22 13:05	30-06"
880-9959-3	Auger Hole 2	Solid	01/06/22 14:04	01/07/22 13:05	0-6"
880-9959-4	Auger Hole 2	Solid	01/06/22 14:06	01/07/22 13:05	30-36"

Chain of Custody

XENCO LABORATORIES

Houston,TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio TX (210) 509-3334
Midland TX (432-704-5440) EL Paso TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta GA (770-449-8800) Tampa FL (813-620-2000) www.xenco.com

Work Order No: 9959

Page 1 of 1

1/13/2022

Project Manager	Brandon Wilson	Bill to (if different)	
Company Name	Etech Environmental	Company Name	
Address	13000 W CR 100	Address	
City, State ZIP	Odessa, Tx 79765	City, State ZIP	
Phone	432-563-2200	Email	brandon@etechenv.com, blake@etechenv.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐
State of Project:
Reporting Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐
Deliverables EDD ☐ ADaPT ☐ Other

Project Name	R E Cole #002	Turn Around	
Project Number	15318	Routine	☒
P O Number	15318	Rush	
Sampler's Name	Blake Estep	Due Date	

SAMPLE RECEIPT				
Temp Blank	Yes (No)	Wet Ice	(Yes) No	
Temperature (°C)	5.3/5.4	Thermometer ID	IR8	
Received Intact:	(Yes) No			
Cooler Custody Seals	Yes No (N/A)	Correction Factor	.10	
Sample Custody Seals	Yes No (N/A)	Total Containers		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	TPH 8015M	BETEX 8021B	Chlorides
Auger Hole 1	S	1/6/2022	14 00	0-6"	1	X	X	X
Auger Hole 1	S	1/6/2022	14 02	30-36"	1	X	X	X
Auger Hole 2	S	1/6/2022	14 04	0-6"	1	X	X	X
Auger Hole 2	S	1/6/2022	14 06	30-36"	1	X	X	X

ANALYSIS REQUEST

Work Order Notes

TAT starts the day received by the lab if received by 4 30pm

Sample Comments

880-9959 Chain of Custody

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 Tl Sn U V Zn

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

Notice Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to 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 Blake Estep	Patricia B	1-7-22 13:05	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Login Sample Receipt Checklist

Client: Etech Environmental & Safety Solutions Job Number: 880-9959-1

Login Number: 9959 **List Source: Eurofins Midland**
List Number: 1
Creator: Rodriguez, Leticia

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	

Appendix D – Release Notification and Corrective Action (Form C-141)

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	NGRL0835833263
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Chevron USA	OGRID: 4323
Contact Name: Amy Barnhill	Contact Telephone: 432-687-7108
Contact email: ABarnhill@chevron.com	Incident # *(assigned by OCD)*
Contact mailing address: 6301 Deauville Blvd Midland, Tx 79706	

Location of Release Source

Latitude 32.3855171 Longitude -103.1711349
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: R E Cole #002	Site Type: Oil
Date Release Discovered: 8-19-05	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
N	16	22S	37E	Lea

Surface Owner: ☒ State ☐ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☒ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: A 20 inch gathering line ruptured and released 1887 mscf of field gas, which ignited. Eunice emergency services were contacted and the line was blocked in. Rule 118 H2S Contingency Plan was followed for response. 3-5 acres of vegetation burned. Larson & Associates was contracted to do soil sampling along impacted line to determine if any remediation activities were required. The area was excavated and samples obtained to show cleanup to OCD requirements. TARGA will replace top soil and reseed area to insure vegetation is restored to normal state. TARGA hauled 1100 yards of top soil to the site and spread to a thickness of 4 to 6 inches. 300# of winter wheat was seeded. Site will be evaluated after rain and more seed planted if needed.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NGRL0835833263
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

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.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Amy Barnhill Title: Water Specialist

Signature: Amy Barnhill Date: 2-7-22

email: ABarnhill@chevron.com Telephone: 432-687-7108

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: _____ Date: 2-16-22_____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities

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.

Printed Name: _____ Title: _____

Signature: _____ Date: 2-16-22_____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Bradford Billings Date: 05/31/2022

Printed Name: Bradford Billings Title: Env. Spec. A

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

CONDITIONS

Action 82042

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 82042
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bbillings	None	5/31/2022