

Incident ID	nAPP2100832430
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?	<50 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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


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

State of New Mexico  
Oil Conservation Division

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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: Nikki Mishler Title: Sr. Environmental Representative

Signature:  Date: 4/4/22

email: Nikki.Mishler@cdevinc.com Telephone: 432-315-0134

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*


- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Nikki Mishler Title: Sr. Environmental Representative

Signature:  Date: 4/4/22

email: Nikki.Mishler@cdevinc.com Telephone: 432-315-0134

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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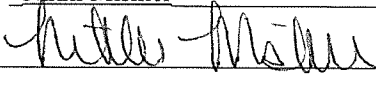
## Closure

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: Nikki Mishler Title: Sr. Environmental Representative  
Signature:  Date: 4/4/22  
email: Nikki.Mishler@cdevinc.com Telephone: 432-315-0134

**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:  Date: 04/20/2022  
Printed Name: Jennifer Nobui Title: Environmental Specialist A



## **CLOSURE REQUEST AND REMEDIATION SUMMARY REPORT**

**Centennial Resource Development, Inc.  
Chorizo 12 State COM 502H  
Lea County, New Mexico  
Unit Letter "E", Section 36, Township 21 South, Range 34 East  
Latitude 32.435956° North, Longitude 103.429010° West  
NMOCD Incident: nAPP2100832430**

Prepared For:

**Centennial Resource Development, Inc.  
500 W. Illinois Avenue Suite 500  
Midland, TX 79701**

Prepared By:

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

**March 2022**

A handwritten signature in black ink, appearing to read "Wesley A. Desilets", written over a horizontal line.

Wesley A. Desilets  
Project Manager

A handwritten signature in black ink, appearing to read "Timothy McMinn", written over a horizontal line.

Timothy McMinn  
Senior Project Manager

## TABLE OF CONTENTS

INTRODUCTION.....	1
NMOCD SITE CLASSIFICATION.....	1
SUMMARY OF SOIL REMEDIATION ACTIVITIES .....	1
SOIL DISPOSAL AND BACKFILL ACTIVITIES.....	2
SITE CLOSURE REQUEST.....	2
LIMITATIONS.....	3
DISTRIBUTION.....	4

## FIGURES

Figure 1 – Site Location Map

Figure 2 – Delineation Soil Sample Location Map

Figure 3 – Confirmation Soil Sample Location Map

## TABLES

Table 1 – Concentrations of Benzene, BTEX, TPH, and Chlorides in Soil (Delineation)

Table 2 – Concentrations of Benzene, BTEX, TPH, and Chlorides in Soil (Confirmation)

## APPENDICES

Appendix A – Photographic Documentation

Appendix B – Analytical Reports

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

Appendix D – Email Correspondence (Extension)

## INTRODUCTION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Centennial Resource Development, Inc. (Centennial), has prepared this Closure Request and Remediation Summary Report for the Release Site known as Chorizo 12 State COM 502H. The legal description of the Release Site is Unit Letter "E", Section 36, Township 21 South, Range 34 East, in Lea County, New Mexico. The subject property is owned by The New Mexico State Land Office (NMSLO). The Release Site GPS coordinates are 32.435956° North and 103.429010° West. Please reference Figure 1 for the Site Location Map and Figure 2 for the Confirmation Soil Sample Location Map.

On January 8, 2021, a diesel release occurred at the Chorizo State COM 502H. The release was the result of a fire caused by a malfunctioning diesel transfer pump. The release was reported as approximately sixty (60) barrels of diesel released with approximately twenty (20) barrels of diesel recovered, resulting in a net loss of approximately forty (40) barrels. On January 26, 2021, Centennial filed a *Release Notification and Corrective Action Form* (Form C-141) with the New Mexico Oil Conservation Division (NMOCD) and NMSLO documenting the release. The Form C-141 is provided as Appendix C. Photographic documentation for the site are provided as Appendix A.

## 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 Chorizo 12 State COM 502H Release Site. A further search of the USGS database identified the closest registered water well is USGS Well #: 322657103255201 located approximately nine tenths (0.9) of a mile northwest of the Release Site. The average depth to groundwater for USGS Well #: 322657103255201 should be encountered at approximately ninety-nine (99) feet below ground surface (bgs). Based on the NMOCD site classification system, zero (0) points will be assigned to the subject area ranking as a result of this criterion. No water wells were observed within one thousand (1,000) feet of the Release Site. Based on the NMOCD site classification system, zero (0) points will be assigned to the subject area ranking as a result of this criterion. No surface water was observed within one thousand (1,000) feet of the release. Based on the NMOCD site classification system, zero (0) points will be assigned to the Chorizo 12 State COM 502H Release Site as a result of this criterion. Based on this score, the soil remediation levels for a site with a ranking score of zero (0) points are as follows:

- Benzene – 10 mg/Kg (ppm)
- BTEX – 50 mg/Kg (ppm)
- TPH – 100 mg/Kg (ppm)
- Chloride – 600 mg/Kg (ppm)

## SUMMARY OF SOIL REMEDIATION ACTIVITIES

On May 18 & 19, 2021, Etech utilized a backhoe to collect five (5) delineation grab soil samples (TT-1 @ 5', TT-2 @ 5', TT-3 @ 3', TT-4 @ 3', and TT-5 @ 3') from within the release area. The depths of the delineation samples collected were based on visual and olfactory observations. In addition to the soil samples described above, six (6) soil samples (North Perimeter @ 6", Northeast



Perimeter @ 6", Southeast Perimeter @ 6", Southwest Perimeter @ 6", East Perimeter @ 6", and West Perimeter @ 6") were collected approximately one (1) foot from the outer perimeter of the stained surface soil. The soil samples were submitted to Permian Basin Environmental Lab, LP. in Midland, Texas for determination of concentrations of BTEX using Method SW 846-8021B and TPH using Method SW 846-8015M. Chloride concentrations were also analyzed using Method E-300.0 to confirm no chloride impact was present due to firefighting efforts. The analytical results are provided as an attachment (Table 1 Concentrations of Benzene, BTEX, TPH, and Chloride in Soil). Please reference Figure 2 for delineation soil sampling locations.

On March 10, 2022, Etech commenced excavation activities at the Release Site utilizing heavy equipment. Based on the delineation data, the impacted area was excavated to depths ranging from one (1) foot to six (6) feet bgs. Excavated soil was stockpiled adjacent to the excavation pending disposal.

On March 14, 2022, Etech, on behalf of Centennial, collected thirty-four (34) five-point composite confirmation soil samples from the base and sidewalls of the excavated area approximately every two hundred (200) square feet. Soil samples were submitted to PBELAB and analyzed for benzene, toluene, ethylbenzene, and xylene (BTEX) using EPA Method SW 846-8021B, and Total Petroleum Hydrocarbons (TPH) using EPA Method SW 846-8015M. A review of laboratory analytical results indicated additional excavation activities were necessary in the areas represented as Comp-10 @ 3', Comp-23 @ 3', and Comp-33 @ 6' due to elevated TPH concentrations.

On March 17, 2022, following further excavation activities, three (3) composite confirmation soil samples (Comp-10A @ 3.5', Comp-23A @ 3.5', and Comp-33A @ 6.5') were collected from the further excavated areas. The samples were submitted to PBELAB for TPH analysis. A review of laboratory analytical results indicated all collected soil samples were below applicable NMOCD regulatory limits. Please reference Figure 2 for site details and soil sampling locations.

Table 1 summarizes the Concentrations of Benzene, BTEX, TPH, and Chlorides in Soil. Analytical reports are provided as Appendix B.

## **SOIL DISPOSAL AND BACKFILL ACTIVITIES**

On March 16 & 17, 2022, Etech transported approximately one thousand (1,000) cubic yards of impacted soil to the Sundance disposal facility in Lea County, NM.

On March 18 & 21, 2022, the excavated area was backfilled with non-impacted like soil from a local source and the site was contoured to fit the surrounding area.

## **SITE CLOSURE REQUEST**

Based on the analytical results, Etech, on the behalf of Centennial, requests NMOCD and NMSLO grant Site Closure Status to the Chorizo 12 State COM 502H Release Site NMOCD Incident: nAPP2100832430.



## 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.

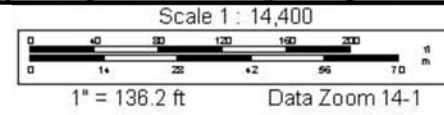
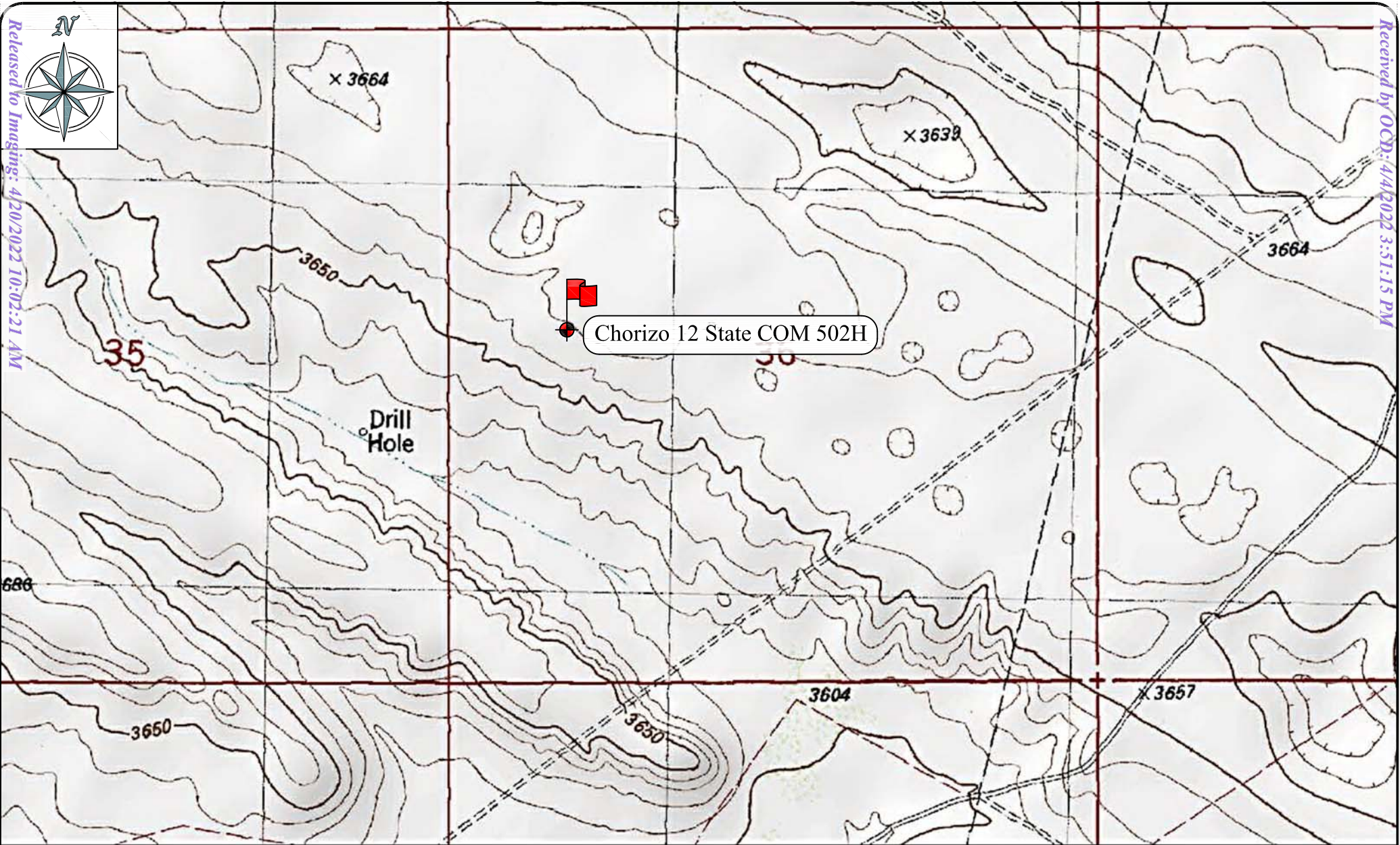
This report has been prepared for the benefit of Centennial Resource Development, Inc. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of Etech and/or Centennial Resource Development, Inc.

## **DISTRIBUTION**

Copy 1: New Mexico Energy, Minerals and Natural Resources Department  
Oil Conservation Division, District 1  
1624 N. French Drive  
Hobbs, New Mexico 88210

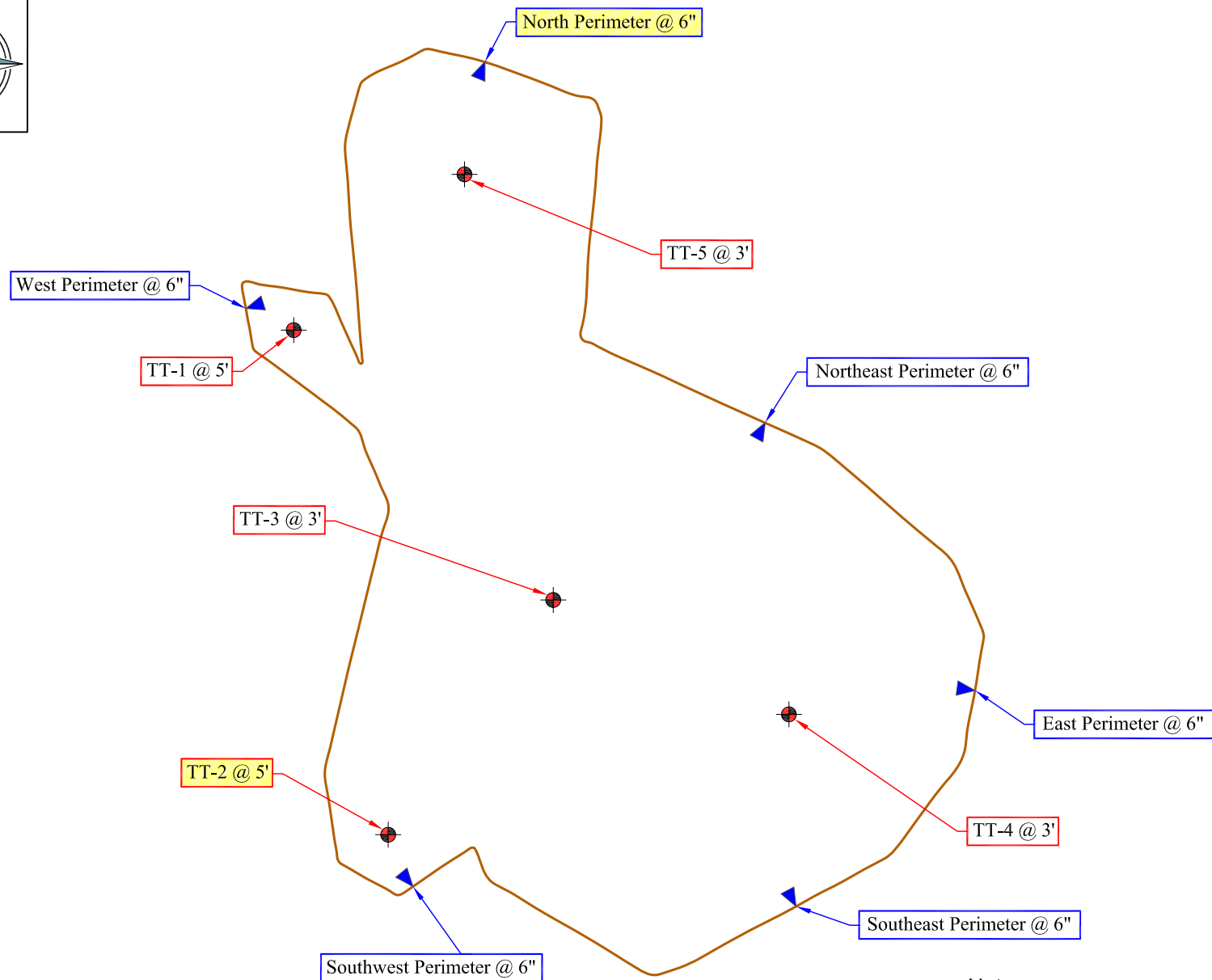
Copy 2: Nikki Mishler  
Centennial Resource Development, Inc.  
500 W. Illinois Avenue Suite 500  
Midland, TX 79701

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



Site - Chorizo 12 State COM 502H  
Site Location Map  
Centennial Resource Development, Inc.  
Lea County, NM  
N 32.435956°, W 103.429010°  
August 2021

Legend  
 = Site Location



## Note:

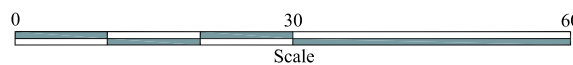
- \* All sample points are approximate
- \* **Highlighted** yellow indicates above TPH regulator limi

Site - Chorizo 12 State COM 502H  
 Delineation Soil Sample Location Map  
 Centennial Resource Development, Inc.  
 Lea County, NM  
 N 32.435956°, W 103.429010°  
 August 2021

## Legend

- = Test Trench Sample Point
- ▲ = Perimeter Sample Point

Release Perimeter

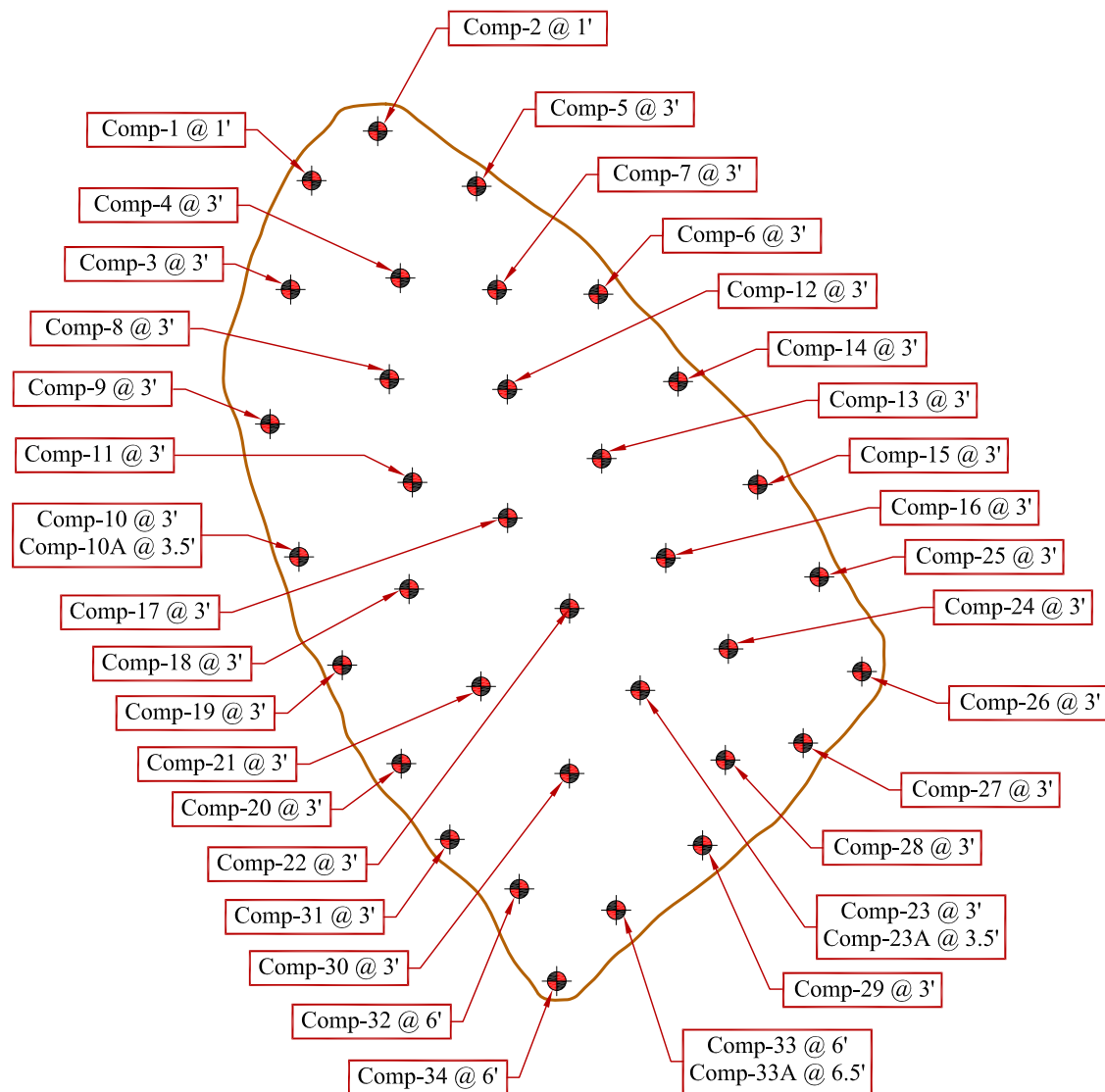


CDEV ID No.:

79417

Figure 2



**Note:**

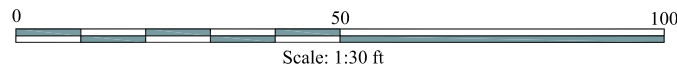
- \* All sample points are approximate
- \* All samples are five point composites

Site - Chorizo 12 State COM 502H  
 Confirmation Soil Sample Location Map  
 Centennial Resource Development, Inc.  
 Lea County, NM  
 N 32.435956°, W 103.429010°  
 March 2022

**Legend**

● = Confirmation Sample Point

— Excavation Perimeter



CDEV ID No.:

79417

Figure 3

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL (DELINEATION)

CENTENNIAL RESOURCE DEVELOPMENT, INC.

CHORIZO STATE COM 502H RELEASE SITE (CDEVID #: 79417)

LEA COUNTY, NEW MEXICO

All concentrations are reported in mg/Kg

SAMPLE LOCATION	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 <sub>6</sub> -C <sub>12</sub>	TPH DRO C <sub>12</sub> -C <sub>28</sub>	TPH ORO C <sub>28</sub> -C <sub>35</sub>	TOTAL TPH C <sub>6</sub> -C <sub>35</sub>	CHLORIDE
Limits		10 mg/Kg						50 mg/Kg				100 mg/Kg	600 mg/Kg
Test Trench Sample Results													
TT-1 @ 5'	5/19/2021	ND	ND	ND	ND	ND	ND	ND	ND	32.0	ND	32.0	49.8
TT-2 @ 5'	5/19/2021	ND	ND	ND	ND	ND	ND	ND	ND	180	ND	180	48.4
TT-3 @ 3'	5/19/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.2
TT-4 @ 3'	5/19/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.4
TT-5 @ 3'	5/19/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.18
Perimeter Sample Results													
North Perimeter @ 6"	5/19/2021	ND	ND	ND	ND	ND	ND	ND	ND	100	ND	100	130
Northeast Perimeter @ 6"	5/19/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	216
Southeast Perimeter @ 6"	5/19/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	111
Southwest Perimeter @ 6"	5/19/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	244
East Perimeter @ 6"	5/19/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	186
West Perimeter @ 6"	5/19/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	128

Bold and Yellow Highlighted indicates Analyte Above NMOCD Regulatory Limit

ND indicates Analyte Below Laboratory Method Detection Limits and NMOCD Regulatory Limits

**TABLE 2**  
**CONCENTRATIONS OF BENZENE, BTEX & TPH IN SOIL (CONFIRMATION)**  
**CENTENNIAL RESOURCE DEVELOPMENT, INC.**  
**CHORIZO STATE COM 502H RELEASE SITE (CDEVID #: 79417)**

LEA COUNTY, NEW MEXICO

*All concentrations are reported in mg/Kg*

SAMPLE LOCATION	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 <sub>6</sub> -C <sub>12</sub>	TPH DRO C <sub>12</sub> -C <sub>28</sub>	TPH ORO C <sub>28</sub> -C <sub>35</sub>	TOTAL TPH C <sub>6</sub> -C <sub>35</sub>	CHLORIDE	
Limits		10 mg/Kg						50 mg/Kg					100 mg/Kg	600 mg/Kg
Confirmation Sample Results														
Comp-1 @ 1'	3/14/2022	ND	0.00164	ND	ND	ND	ND	0.00164	ND	ND	ND	ND	-	
Comp-2 @ 1'	3/14/2022	ND	0.00378	ND	ND	ND	ND	0.00378	ND	ND	ND	ND	-	
Comp-3 @ 3'	3/14/2022	ND	0.00348	ND	ND	ND	ND	0.00348	ND	ND	ND	ND	-	
Comp-4 @ 3'	3/14/2022	ND	0.00140	ND	ND	ND	ND	0.00140	ND	ND	ND	ND	-	
Comp-5 @ 3'	3/14/2022	ND	ND	ND	ND	ND	ND	ND	ND	81.9	ND	81.9	-	
Comp-6 @ 3'	3/14/2022	ND	0.00224	ND	ND	ND	ND	0.00224	ND	ND	ND	ND	-	
Comp-7 @ 3'	3/14/2022	ND	0.00270	ND	ND	ND	ND	0.00270	ND	ND	ND	ND	-	
Comp-8 @ 3'	3/14/2022	ND	0.00114	ND	ND	ND	ND	0.00114	ND	ND	ND	ND	-	
Comp-9 @ 3'	3/14/2022	ND	0.00187	ND	ND	ND	ND	0.00187	ND	ND	ND	ND	-	
Comp-10 @ 3'	3/14/2022	ND	0.00248	ND	ND	ND	ND	0.00248	ND	123	ND	123	-	
Comp-10A @ 3.5'	3/17/2022	-	-	-	-	-	-	-	ND	29.1	ND	29.1	-	
Comp-11 @ 3'	3/14/2022	ND	0.00267	ND	ND	ND	ND	0.00267	ND	ND	ND	ND	-	
Comp-12 @ 3'	3/14/2022	ND	0.00163	ND	ND	ND	ND	0.00163	ND	ND	ND	ND	-	
Comp-13 @ 3'	3/14/2022	ND	0.00371	ND	ND	ND	ND	0.00371	ND	ND	ND	ND	-	
Comp-14 @ 3'	3/14/2022	ND	0.00192	ND	ND	ND	ND	0.00192	ND	ND	ND	ND	-	
Comp-15 @ 3'	3/14/2022	ND	0.00324	ND	ND	ND	ND	0.00324	ND	ND	ND	ND	-	
Comp-16 @ 3'	3/14/2022	ND	0.00207	ND	ND	ND	ND	0.00207	ND	ND	ND	ND	-	
Comp-17 @ 3'	3/14/2022	ND	0.00363	ND	ND	ND	ND	0.00363	ND	ND	ND	ND	-	
Comp-18 @ 3'	3/14/2022	ND	0.00223	ND	ND	ND	ND	0.00223	ND	ND	ND	ND	-	
Comp-19 @ 3'	3/14/2022	ND	0.00214	ND	ND	ND	ND	0.00214	ND	54.4	ND	54.4	-	
Comp-20 @ 3'	3/14/2022	ND	0.00269	ND	ND	ND	ND	0.00269	ND	ND	ND	ND	-	
Comp-21 @ 3'	3/14/2022	ND	0.00132	ND	ND	ND	ND	0.00132	ND	ND	ND	ND	-	
Comp-22 @ 3'	3/14/2022	ND	0.00200	ND	ND	ND	ND	0.00200	ND	ND	ND	ND	-	
Comp-23 @ 3'	3/14/2022	ND	ND	ND	ND	ND	ND	ND	ND	118	ND	118	-	
Comp-23A @ 3.5'	3/17/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	-	
Comp-24 @ 3'	3/14/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	
Comp-25 @ 3'	3/14/2022	ND	ND	ND	ND	ND	ND	ND	ND	43.2	ND	43.2	-	
Comp-26 @ 3'	3/14/2022	ND	0.00119	ND	ND	ND	ND	0.00119	ND	ND	ND	ND	-	
Comp-27 @ 3'	3/14/2022	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	
Comp-28 @ 3'	3/14/2022	ND	0.00113	ND	ND	ND	ND	0.00113	ND	ND	ND	ND	-	
Comp-29 @ 3'	3/14/2022	ND	0.00162	ND	ND	ND	ND	0.00162	ND	28.4	ND	28.4	-	
Comp-30 @ 3'	3/14/2022	ND	0.00167	ND	ND	ND	ND	0.00167	ND	ND	ND	ND	-	
Comp-31 @ 3'	3/14/2022	ND	0.00198	ND	ND	ND	ND	0.00198	ND	ND	ND	ND	-	



**TABLE 2**  
**CONCENTRATIONS OF BENZENE, BTEX & TPH IN SOIL (CONFIRMATION)**  
**CENTENNIAL RESOURCE DEVELOPMENT, INC.**  
**CHORIZO STATE COM 502H RELEASE SITE (CDEVID #: 79417)**  
**LEA COUNTY, NEW MEXICO**  
*All concentrations are reported in mg/Kg*

All concentrations are reported in mg/Kg													
SAMPLE LOCATION	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 <sub>6</sub> -C <sub>12</sub>	TPH DRO C <sub>12</sub> -C <sub>28</sub>	TPH ORO C <sub>28</sub> -C <sub>35</sub>	TOTAL TPH C <sub>6</sub> -C <sub>35</sub>	CHLORID
Limits		10 mg/Kg						50 mg/Kg				100 mg/Kg	600 mg/Kg
Comp-32 @ 6'	3/14/2022	ND	0.00188	ND	ND	ND	ND	0.00188	ND	ND	ND	ND	-
Comp-33 @ 6'	3/14/2022	ND	0.00137	ND	ND	ND	ND	0.00137	ND	117	ND	117	-
Comp-33A @ 6.5'	3/17/2022	-	-	-	-	-	-	-	ND	ND	ND	ND	-
Comp-34 @ 6'	3/14/2022	ND	0.00212	ND	ND	ND	ND	0.00212	ND	ND	ND	ND	-

Bold and Yellow Highlighted indicates Analyte Above NMOCD Regulatory Limit

ND indicates Analyte Below Laboratory Method Detection Limits and NMOCD Regulatory Limits

**Project Name:** Chorizo 12 State COM 502H Release Site (CDEVID #: 79417)  
**Project No:** 13664

**Photographic Documentation**





**Project Name:** Chorizo 12 State COM 502H Release Site (CDEVID #: 79417)  
**Project No:** 13664


**Photographic Documentation**





**Project Name:** Chorizo 12 State COM 502H Release Site (CDEVID #: 79417)  
**Project No:** 13664

**Photographic Documentation**

<b>Photo No:</b> <b>5.</b>	 <p>2022/03/12 11:26</p>
<b>Direction Taken:</b>  Northwest	
<b>Description:</b>  View of the excavated area.	

<b>Photo No:</b> <b>6.</b>	 <p>2022/03/12 11:23</p>
<b>Direction Taken:</b>  Northeast	
<b>Description:</b>  View of the excavated area.	



**Project Name:** Chorizo 12 State COM 502H Release Site (CDEVID #: 79417)  
**Project No:** 13664

**Photographic Documentation**

**PERMIAN BASIN  
ENVIRONMENTAL LAB, LP  
1400 Rankin Hwy  
Midland, TX 79701**



# Analytical Report

**Prepared for:**

Tim McMinn  
E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa, TX 79765

Project: Chorizo State COM 502H Diesel Spill

Project Number: 13664

Location: Lea County, NM

Lab Order Number: 1E21016



**Current Certification**

Report Date: 06/07/21

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TT-1 @ 5'	1E21016-01	Soil	05/19/21 11:10	05-21-2021 11:25
TT-2 @ 5'	1E21016-02	Soil	05/19/21 11:18	05-21-2021 11:25
TT-3 @ 3'	1E21016-03	Soil	05/19/21 11:28	05-21-2021 11:25
TT-4 @ 3'	1E21016-04	Soil	05/19/21 11:42	05-21-2021 11:25
TT-5 @ 3'	1E21016-05	Soil	05/19/21 11:56	05-21-2021 11:25
North Perimeter @ 6"	1E21016-06	Soil	05/19/21 13:30	05-21-2021 11:25
Northeast Perimeter @ 6"	1E21016-07	Soil	05/19/21 13:23	05-21-2021 11:25
Southeast Perimeter @ 6"	1E21016-08	Soil	05/19/21 13:45	05-21-2021 11:25
Southwest Perimeter @ 6"	1E21016-09	Soil	05/19/21 13:05	05-21-2021 11:25
East Perimeter @ 6"	1E21016-10	Soil	05/19/21 13:18	05-21-2021 11:25
West Perimeter @ 6"	1E21016-11	Soil	05/19/21 13:38	05-21-2021 11:25



E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**TT-1 @ 5'**  
**1E21016-01 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00102	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 06:07	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 06:07	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 06:07	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 06:07	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 06:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	105 %		80-120		P1E2503	05/25/21 10:49	05/26/21 06:07	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	102 %		80-120		P1E2503	05/25/21 10:49	05/26/21 06:07	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	49.8	1.02	mg/kg dry	1	P1F0201	06/02/21 08:13	06/03/21 21:19	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1E2408	05/24/21 11:25	05/24/21 11:33	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 06:23	TPH 8015M	
>C12-C28	32.0	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 06:23	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 06:23	TPH 8015M	
Surrogate: 1-Chlorooctane	77.7 %		70-130		P1E2406	05/24/21 10:20	05/25/21 06:23	TPH 8015M	
Surrogate: o-Terphenyl	87.8 %		70-130		P1E2406	05/24/21 10:20	05/25/21 06:23	TPH 8015M	
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>32.0</b>	25.5	mg/kg dry	1	[CALC]	05/24/21 10:20	05/25/21 06:23	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**TT-2 @ 5'**  
**1E21016-02 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00102	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 06:28	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 06:28	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 06:28	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 06:28	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 06:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %		80-120		P1E2503	05/25/21 10:49	05/26/21 06:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	102 %		80-120		P1E2503	05/25/21 10:49	05/26/21 06:28	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	48.4	1.02	mg/kg dry	1	P1F0201	06/02/21 08:13	06/03/21 21:34	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1E2408	05/24/21 11:25	05/24/21 11:33	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 06:47	TPH 8015M	
>C12-C28	180	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 06:47	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 06:47	TPH 8015M	
Surrogate: 1-Chlorooctane	78.1 %		70-130		P1E2406	05/24/21 10:20	05/25/21 06:47	TPH 8015M	
Surrogate: o-Terphenyl	89.7 %		70-130		P1E2406	05/24/21 10:20	05/25/21 06:47	TPH 8015M	
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>180</b>	25.5	mg/kg dry	1	[CALC]	05/24/21 10:20	05/25/21 06:47	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**TT-3 @ 3'**  
**1E21016-03 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00101	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 06:48	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 06:48	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 06:48	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 06:48	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 06:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.7 %		80-120		P1E2503	05/25/21 10:49	05/26/21 06:48	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	102 %		80-120		P1E2503	05/25/21 10:49	05/26/21 06:48	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	10.2	1.01	mg/kg dry	1	P1F0202	06/02/21 08:15	06/04/21 10:04	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1E2408	05/24/21 11:25	05/24/21 11:33	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	25.3	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 07:10	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 07:10	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 07:10	TPH 8015M	
Surrogate: 1-Chlorooctane	79.2 %		70-130		P1E2406	05/24/21 10:20	05/25/21 07:10	TPH 8015M	
Surrogate: o-Terphenyl	90.4 %		70-130		P1E2406	05/24/21 10:20	05/25/21 07:10	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	05/24/21 10:20	05/25/21 07:10	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**TT-4 @ 3'**  
**1E21016-04 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00102	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 07:09	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 07:09	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 07:09	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 07:09	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1E2503	05/25/21 10:49	05/26/21 07:09	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	108 %		80-120		P1E2503	05/25/21 10:49	05/26/21 07:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	105 %		80-120		P1E2503	05/25/21 10:49	05/26/21 07:09	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	10.4	1.02	mg/kg dry	1	P1F0202	06/02/21 08:15	06/04/21 10:59	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1E2408	05/24/21 11:25	05/24/21 11:33	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 07:33	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 07:33	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 07:33	TPH 8015M	
Surrogate: 1-Chlorooctane	83.0 %		70-130		P1E2406	05/24/21 10:20	05/25/21 07:33	TPH 8015M	
Surrogate: o-Terphenyl	92.9 %		70-130		P1E2406	05/24/21 10:20	05/25/21 07:33	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	05/24/21 10:20	05/25/21 07:33	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**TT-5 @ 3'**  
**1E21016-05 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00102	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 12:45	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 12:45	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 12:45	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 12:45	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 12:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P1E2604	05/26/21 09:37	05/26/21 12:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %		80-120		P1E2604	05/26/21 09:37	05/26/21 12:45	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	9.18	1.02	mg/kg dry	1	P1F0202	06/02/21 08:15	06/04/21 11:18	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1E2408	05/24/21 11:25	05/24/21 11:33	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 07:56	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 07:56	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 07:56	TPH 8015M	
Surrogate: 1-Chlorooctane	90.0 %		70-130		P1E2406	05/24/21 10:20	05/25/21 07:56	TPH 8015M	
Surrogate: o-Terphenyl	101 %		70-130		P1E2406	05/24/21 10:20	05/25/21 07:56	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	05/24/21 10:20	05/25/21 07:56	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

### North Perimeter @ 6"

1E21016-06 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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### Permian Basin Environmental Lab, L.P.

#### BTEX by 8021B

Benzene	ND	0.00106	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 13:06	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 13:06	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 13:06	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 13:06	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 13:06	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	102 %		80-120		P1E2604	05/26/21 09:37	05/26/21 13:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %		80-120		P1E2604	05/26/21 09:37	05/26/21 13:06	EPA 8021B	

#### General Chemistry Parameters by EPA / Standard Methods

Chloride	130	1.06	mg/kg dry	1	P1F0202	06/02/21 08:15	06/04/21 11:36	EPA 300.0	
% Moisture	6.0	0.1	%	1	P1E2408	05/24/21 11:25	05/24/21 11:33	ASTM D2216	

#### Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.6	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 10:13	TPH 8015M	
>C12-C28	100	26.6	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 10:13	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 10:13	TPH 8015M	
Surrogate: 1-Chlorooctane	97.8 %		70-130		P1E2406	05/24/21 10:20	05/25/21 10:13	TPH 8015M	
Surrogate: o-Terphenyl	110 %		70-130		P1E2406	05/24/21 10:20	05/25/21 10:13	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	100	26.6	mg/kg dry	1	[CALC]	05/24/21 10:20	05/25/21 10:13	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Northeast Perimeter @ 6"**  
**1E21016-07 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00106	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 13:27	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 13:27	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 13:27	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 13:27	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 13:27	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	102 %		80-120		P1E2604	05/26/21 09:37	05/26/21 13:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %		80-120		P1E2604	05/26/21 09:37	05/26/21 13:27	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	216	1.06	mg/kg dry	1	P1F0202	06/02/21 08:15	06/04/21 11:55	EPA 300.0	
% Moisture	6.0	0.1	%	1	P1E2408	05/24/21 11:25	05/24/21 11:33	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.6	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 10:36	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 10:36	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 10:36	TPH 8015M	
Surrogate: 1-Chlorooctane	95.3 %		70-130		P1E2406	05/24/21 10:20	05/25/21 10:36	TPH 8015M	
Surrogate: o-Terphenyl	107 %		70-130		P1E2406	05/24/21 10:20	05/25/21 10:36	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	05/24/21 10:20	05/25/21 10:36	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Southeast Perimeter @ 6"**  
**1E21016-08 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00110	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 13:48	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 13:48	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 13:48	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 13:48	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 13:48	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	102 %		80-120		P1E2604	05/26/21 09:37	05/26/21 13:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	105 %		80-120		P1E2604	05/26/21 09:37	05/26/21 13:48	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	111	1.10	mg/kg dry	1	P1F0202	06/02/21 08:15	06/04/21 12:13	EPA 300.0	
% Moisture	9.0	0.1	%	1	P1E2408	05/24/21 11:25	05/24/21 11:33	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	27.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 10:59	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 10:59	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 10:59	TPH 8015M	
Surrogate: 1-Chlorooctane	93.2 %		70-130		P1E2406	05/24/21 10:20	05/25/21 10:59	TPH 8015M	
Surrogate: o-Terphenyl	105 %		70-130		P1E2406	05/24/21 10:20	05/25/21 10:59	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	05/24/21 10:20	05/25/21 10:59	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Southwest Perimeter @ 6"**  
**1E21016-09 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00109	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 14:08	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 14:08	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 14:08	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 14:08	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 14:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %		80-120		P1E2604	05/26/21 09:37	05/26/21 14:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	100 %		80-120		P1E2604	05/26/21 09:37	05/26/21 14:08	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	244	1.09	mg/kg dry	1	P1F0202	06/02/21 08:15	06/04/21 12:32	EPA 300.0	
% Moisture	8.0	0.1	%	1	P1E2408	05/24/21 11:25	05/24/21 11:33	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	27.2	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 11:21	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 11:21	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 11:21	TPH 8015M	
Surrogate: 1-Chlorooctane	97.6 %		70-130		P1E2406	05/24/21 10:20	05/25/21 11:21	TPH 8015M	
Surrogate: o-Terphenyl	110 %		70-130		P1E2406	05/24/21 10:20	05/25/21 11:21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	05/24/21 10:20	05/25/21 11:21	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**East Perimeter @ 6"**  
**1E21016-10 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00108	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 14:29	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 14:29	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 14:29	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 14:29	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 14:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %		80-120		P1E2604	05/26/21 09:37	05/26/21 14:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	101 %		80-120		P1E2604	05/26/21 09:37	05/26/21 14:29	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	186	1.08	mg/kg dry	1	P1F0202	06/02/21 08:15	06/04/21 12:50	EPA 300.0	
% Moisture	7.0	0.1	%	1	P1E2408	05/24/21 11:25	05/24/21 11:33	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 11:44	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 11:44	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 11:44	TPH 8015M	
Surrogate: 1-Chlorooctane	98.8 %		70-130		P1E2406	05/24/21 10:20	05/25/21 11:44	TPH 8015M	
Surrogate: o-Terphenyl	111 %		70-130		P1E2406	05/24/21 10:20	05/25/21 11:44	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	05/24/21 10:20	05/25/21 11:44	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**West Perimeter @ 6"**  
**1E21016-11 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00108	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 14:50	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 14:50	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 14:50	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 14:50	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P1E2604	05/26/21 09:37	05/26/21 14:50	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %		80-120		P1E2604	05/26/21 09:37	05/26/21 14:50	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	101 %		80-120		P1E2604	05/26/21 09:37	05/26/21 14:50	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

Chloride	128	1.08	mg/kg dry	1	P1F0202	06/02/21 08:15	06/04/21 13:09	EPA 300.0	
% Moisture	7.0	0.1	%	1	P1E2408	05/24/21 11:25	05/24/21 11:33	ASTM D2216	

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 12:07	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 12:07	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1E2406	05/24/21 10:20	05/25/21 12:07	TPH 8015M	
Surrogate: 1-Chlorooctane	99.4 %		70-130		P1E2406	05/24/21 10:20	05/25/21 12:07	TPH 8015M	
Surrogate: o-Terphenyl	113 %		70-130		P1E2406	05/24/21 10:20	05/25/21 12:07	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	05/24/21 10:20	05/25/21 12:07	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P1E2503 - \*\*\* DEFAULT PREP \*\*\***

**Blank (P1E2503-BLK1)**

Prepared & Analyzed: 05/25/21

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.0	80-120			

**LCS (P1E2503-BS1)**

Prepared & Analyzed: 05/25/21

Benzene	0.0948	0.00100	mg/kg wet	0.100		94.8	70-130			
Toluene	0.0938	0.00100	"	0.100		93.8	70-130			
Ethylbenzene	0.0846	0.00100	"	0.100		84.6	70-130			
Xylene (p/m)	0.184	0.00200	"	0.200		91.9	70-130			
Xylene (o)	0.0880	0.00100	"	0.100		88.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

**LCS Dup (P1E2503-BS1)**

Prepared & Analyzed: 05/25/21

Benzene	0.0851	0.00100	mg/kg wet	0.100		85.1	70-130	10.7	20	
Toluene	0.0846	0.00100	"	0.100		84.6	70-130	10.3	20	
Ethylbenzene	0.0800	0.00100	"	0.100		80.0	70-130	5.58	20	
Xylene (p/m)	0.163	0.00200	"	0.200		81.4	70-130	12.1	20	
Xylene (o)	0.0811	0.00100	"	0.100		81.1	70-130	8.21	20	
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			

**Calibration Blank (P1E2503-CCB1)**

Prepared & Analyzed: 05/25/21

Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		98.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120		95.7	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P1E2503 - \*\*\* DEFAULT PREP \*\*\***

**Calibration Blank (P1E2503-CCB2)**

Prepared: 05/25/21 Analyzed: 05/26/21

Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		97.9	80-120			

**Calibration Check (P1E2503-CCV1)**

Prepared & Analyzed: 05/25/21

Benzene	0.0981	0.00100	mg/kg wet	0.100		98.1	80-120			
Toluene	0.0973	0.00100	"	0.100		97.3	80-120			
Ethylbenzene	0.0939	0.00100	"	0.100		93.9	80-120			
Xylene (p/m)	0.196	0.00200	"	0.200		97.9	80-120			
Xylene (o)	0.0952	0.00100	"	0.100		95.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	75-125			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	75-125			

**Calibration Check (P1E2503-CCV2)**

Prepared: 05/25/21 Analyzed: 05/26/21

Benzene	0.0931	0.00100	mg/kg wet	0.100		93.1	80-120			
Toluene	0.0900	0.00100	"	0.100		90.0	80-120			
Ethylbenzene	0.0846	0.00100	"	0.100		84.6	80-120			
Xylene (p/m)	0.173	0.00200	"	0.200		86.4	80-120			
Xylene (o)	0.0852	0.00100	"	0.100		85.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	75-125			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.2	75-125			

**Calibration Check (P1E2503-CCV3)**

Prepared: 05/25/21 Analyzed: 05/26/21

Benzene	0.0930	0.00100	mg/kg wet	0.100		93.0	80-120			
Toluene	0.0884	0.00100	"	0.100		88.4	80-120			
Ethylbenzene	0.0855	0.00100	"	0.100		85.5	80-120			
Xylene (p/m)	0.173	0.00200	"	0.200		86.3	80-120			
Xylene (o)	0.0865	0.00100	"	0.100		86.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	75-125			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.2	75-125			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P1E2503 - \*\*\* DEFAULT PREP \*\*\***

<b>Matrix Spike (P1E2503-MS1)</b>		<b>Source: 1E21010-19</b>		Prepared: 05/25/21		Analyzed: 05/26/21				
Benzene	0.0716	0.00104	mg/kg dry	0.104	ND	68.8	80-120			QM-07
Toluene	0.0527	0.00104	"	0.104	ND	50.6	80-120			QM-07
Ethylbenzene	0.0481	0.00104	"	0.104	ND	46.2	80-120			QM-07
Xylene (p/m)	0.0905	0.00208	"	0.208	ND	43.4	80-120			QM-07
Xylene (o)	0.0628	0.00104	"	0.104	ND	60.3	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.129		"	0.125		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.125		102	80-120			

<b>Matrix Spike Dup (P1E2503-MSD1)</b>		<b>Source: 1E21010-19</b>		Prepared: 05/25/21		Analyzed: 05/26/21				
Benzene	0.0717	0.00104	mg/kg dry	0.104	ND	68.8	80-120	0.116	20	QM-07
Toluene	0.0536	0.00104	"	0.104	ND	51.4	80-120	1.61	20	QM-07
Ethylbenzene	0.0481	0.00104	"	0.104	ND	46.2	80-120	0.0216	20	QM-07
Xylene (p/m)	0.0928	0.00208	"	0.208	ND	44.5	80-120	2.49	20	QM-07
Xylene (o)	0.0638	0.00104	"	0.104	ND	61.2	80-120	1.58	20	QM-07
Surrogate: 1,4-Difluorobenzene	0.125		"	0.125		100	80-120			
Surrogate: 4-Bromofluorobenzene	0.129		"	0.125		103	80-120			

**Batch P1E2604 - \*\*\* DEFAULT PREP \*\*\***

<b>Blank (P1E2604-BLK1)</b>				Prepared & Analyzed: 05/26/21						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.117		"	0.120		97.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.5	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P1E2604 - \*\*\* DEFAULT PREP \*\*\***

**LCS (P1E2604-BS1)**

Prepared & Analyzed: 05/26/21

Benzene	0.0984	0.00100	mg/kg wet	0.100		98.4	70-130			
Toluene	0.0981	0.00100	"	0.100		98.1	70-130			
Ethylbenzene	0.0931	0.00100	"	0.100		93.1	70-130			
Xylene (p/m)	0.205	0.00200	"	0.200		103	70-130			
Xylene (o)	0.0920	0.00100	"	0.100		92.0	70-130			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.0	80-120			

**LCS Dup (P1E2604-BSD1)**

Prepared & Analyzed: 05/26/21

Benzene	0.0876	0.00100	mg/kg wet	0.100		87.6	70-130	11.7	20	
Toluene	0.0890	0.00100	"	0.100		89.0	70-130	9.78	20	
Ethylbenzene	0.0823	0.00100	"	0.100		82.3	70-130	12.3	20	
Xylene (p/m)	0.179	0.00200	"	0.200		89.7	70-130	13.4	20	
Xylene (o)	0.0820	0.00100	"	0.100		82.0	70-130	11.6	20	
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		100	80-120			

**Calibration Blank (P1E2604-CCB1)**

Prepared & Analyzed: 05/26/21

Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			

**Calibration Blank (P1E2604-CCB2)**

Prepared & Analyzed: 05/26/21

Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.8	80-120			

Permian Basin Environmental Lab, L.P.

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Project Number: 13664  
Project Manager: Tim McMinn

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P1E2604 - \*\*\* DEFAULT PREP \*\*\***

**Calibration Blank (P1E2604-CCB3)**

Prepared & Analyzed: 05/26/21

Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.6	80-120			

**Calibration Check (P1E2604-CCV1)**

Prepared & Analyzed: 05/26/21

Benzene	0.0909	0.00100	mg/kg wet	0.100		90.9	80-120			
Toluene	0.0879	0.00100	"	0.100		87.9	80-120			
Ethylbenzene	0.0877	0.00100	"	0.100		87.7	80-120			
Xylene (p/m)	0.176	0.00200	"	0.200		88.1	80-120			
Xylene (o)	0.0846	0.00100	"	0.100		84.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.3	75-125			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.6	75-125			

**Calibration Check (P1E2604-CCV2)**

Prepared & Analyzed: 05/26/21

Benzene	0.0886	0.00100	mg/kg wet	0.100		88.6	80-120			
Toluene	0.0880	0.00100	"	0.100		88.0	80-120			
Ethylbenzene	0.0855	0.00100	"	0.100		85.5	80-120			
Xylene (p/m)	0.173	0.00200	"	0.200		86.5	80-120			
Xylene (o)	0.0849	0.00100	"	0.100		84.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	75-125			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	75-125			

**Calibration Check (P1E2604-CCV3)**

Prepared & Analyzed: 05/26/21

Benzene	0.100	0.00100	mg/kg wet	0.100		100	80-120			
Toluene	0.0944	0.00100	"	0.100		94.4	80-120			
Ethylbenzene	0.0911	0.00100	"	0.100		91.1	80-120			
Xylene (p/m)	0.184	0.00200	"	0.200		92.1	80-120			
Xylene (o)	0.0938	0.00100	"	0.100		93.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	75-125			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	75-125			

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 Project Number: 13664  
 Project Manager: Tim McMinn

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P1E2604 - \*\*\* DEFAULT PREP \*\*\***

<b>Matrix Spike (P1E2604-MS1)</b>		<b>Source: 1E26001-01</b>			<b>Prepared &amp; Analyzed: 05/26/21</b>					
Benzene	0.0666	0.00104	mg/kg dry	0.104	ND	63.9	80-120			QM-05
Toluene	0.0610	0.00104	"	0.104	ND	58.5	80-120			QM-05
Ethylbenzene	0.0524	0.00104	"	0.104	ND	50.3	80-120			QM-05
Xylene (p/m)	0.0967	0.00208	"	0.208	ND	46.4	80-120			QM-05
Xylene (o)	0.0541	0.00104	"	0.104	ND	51.9	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	0.129		"	0.125		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.126		"	0.125		101	80-120			

<b>Matrix Spike Dup (P1E2604-MSD1)</b>		<b>Source: 1E26001-01</b>			<b>Prepared &amp; Analyzed: 05/26/21</b>					
Benzene	0.0656	0.00104	mg/kg dry	0.104	ND	63.0	80-120	1.51	20	QM-05
Toluene	0.0600	0.00104	"	0.104	ND	57.6	80-120	1.60	20	QM-05
Ethylbenzene	0.0505	0.00104	"	0.104	ND	48.5	80-120	3.58	20	QM-05
Xylene (p/m)	0.0926	0.00208	"	0.208	ND	44.5	80-120	4.35	20	QM-05
Xylene (o)	0.0522	0.00104	"	0.104	ND	50.1	80-120	3.55	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.123		"	0.125		98.5	80-120			
Surrogate: 1,4-Difluorobenzene	0.128		"	0.125		103	80-120			

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E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch P1E2408 - *** DEFAULT PREP ***</b>										
<b>Blank (P1E2408-BLK1)</b>	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
<b>Blank (P1E2408-BLK2)</b>	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
<b>Blank (P1E2408-BLK3)</b>	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
<b>Blank (P1E2408-BLK4)</b>	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
<b>Blank (P1E2408-BLK5)</b>	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
<b>Blank (P1E2408-BLK6)</b>	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
<b>Blank (P1E2408-BLK7)</b>	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
<b>Blank (P1E2408-BLK8)</b>	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
<b>Blank (P1E2408-BLK9)</b>	Prepared & Analyzed: 05/24/21									
% Moisture	ND	0.1	%							
<b>Duplicate (P1E2408-DUP1)</b>	Source: 1E21004-01 Prepared & Analyzed: 05/24/21									
% Moisture	4.0	0.1	%		4.0			0.00	20	

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Project Number: 13664  
Project Manager: Tim McMinn

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P1E2408 - \*\*\* DEFAULT PREP \*\*\***

<b>Duplicate (P1E2408-DUP2)</b>	<b>Source: 1E21006-01</b>		Prepared & Analyzed: 05/24/21							
% Moisture	1.0	0.1	%		1.0			0.00	20	
<b>Duplicate (P1E2408-DUP3)</b>	<b>Source: 1E21007-10</b>		Prepared & Analyzed: 05/24/21							
% Moisture	7.0	0.1	%		7.0			0.00	20	
<b>Duplicate (P1E2408-DUP4)</b>	<b>Source: 1E21007-20</b>		Prepared & Analyzed: 05/24/21							
% Moisture	13.0	0.1	%		13.0			0.00	20	
<b>Duplicate (P1E2408-DUP5)</b>	<b>Source: 1E21010-08</b>		Prepared & Analyzed: 05/24/21							
% Moisture	5.0	0.1	%		5.0			0.00	20	
<b>Duplicate (P1E2408-DUP6)</b>	<b>Source: 1E21010-18</b>		Prepared & Analyzed: 05/24/21							
% Moisture	3.0	0.1	%		3.0			0.00	20	
<b>Duplicate (P1E2408-DUP7)</b>	<b>Source: 1E21011-04</b>		Prepared & Analyzed: 05/24/21							
% Moisture	3.0	0.1	%		4.0			28.6	20	
<b>Duplicate (P1E2408-DUP8)</b>	<b>Source: 1E21014-02</b>		Prepared & Analyzed: 05/24/21							
% Moisture	6.0	0.1	%		6.0			0.00	20	
<b>Duplicate (P1E2408-DUP9)</b>	<b>Source: 1E21016-10</b>		Prepared & Analyzed: 05/24/21							
% Moisture	6.0	0.1	%		7.0			15.4	20	
<b>Duplicate (P1E2408-DUPA)</b>	<b>Source: 1E21019-03</b>		Prepared & Analyzed: 05/24/21							
% Moisture	11.0	0.1	%		10.0			9.52	20	
<b>Duplicate (P1E2408-DUPB)</b>	<b>Source: 1E21019-18</b>		Prepared & Analyzed: 05/24/21							
% Moisture	11.0	0.1	%		11.0			0.00	20	

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13000 West County Road 100  
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Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P1E2408 - \*\*\* DEFAULT PREP \*\*\***

<b>Duplicate (P1E2408-DUPC)</b>	<b>Source: 1E21019-28</b>		Prepared & Analyzed: 05/24/21							
% Moisture	15.0	0.1	%		15.0			0.00	20	
<b>Duplicate (P1E2408-DUPD)</b>	<b>Source: 1E21020-01</b>		Prepared & Analyzed: 05/24/21							
% Moisture	3.0	0.1	%		3.0			0.00	20	
<b>Duplicate (P1E2408-DUPE)</b>	<b>Source: 1E21020-11</b>		Prepared & Analyzed: 05/24/21							
% Moisture	4.0	0.1	%		3.0			28.6	20	
<b>Duplicate (P1E2408-DUPF)</b>	<b>Source: 1E21021-02</b>		Prepared & Analyzed: 05/24/21							
% Moisture	9.0	0.1	%		9.0			0.00	20	
<b>Duplicate (P1E2408-DUPG)</b>	<b>Source: 1E21021-12</b>		Prepared & Analyzed: 05/24/21							
% Moisture	13.0	0.1	%		11.0			16.7	20	

**Batch P1F0201 - \*\*\* DEFAULT PREP \*\*\***

<b>Blank (P1F0201-BLK1)</b>	Prepared: 06/02/21 Analyzed: 06/03/21									
Chloride	ND	1.00	mg/kg wet							
<b>LCS (P1F0201-BS1)</b>	Prepared: 06/02/21 Analyzed: 06/03/21									
Chloride	394	1.00	mg/kg wet	400		98.6	90-110			
<b>LCS Dup (P1F0201-BSD1)</b>	Prepared: 06/02/21 Analyzed: 06/03/21									
Chloride	397	1.00	mg/kg wet	400		99.1	90-110	0.561	20	
<b>Calibration Check (P1F0201-CCV1)</b>	Prepared: 06/02/21 Analyzed: 06/03/21									
Chloride	18.2		mg/kg	20.0		90.9	90-110			

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Project Number: 13664  
Project Manager: Tim McMinn

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P1F0201 - \*\*\* DEFAULT PREP \*\*\***

**Calibration Check (P1F0201-CCV2)**

Prepared: 06/02/21 Analyzed: 06/03/21

Chloride	18.9		mg/kg	20.0		94.3	90-110			
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**Calibration Check (P1F0201-CCV3)**

Prepared: 06/02/21 Analyzed: 06/03/21

Chloride	18.3		mg/kg	20.0		91.4	90-110			
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**Matrix Spike (P1F0201-MS1)**

Source: 1E21010-26

Prepared: 06/02/21 Analyzed: 06/03/21

Chloride	540	1.04	mg/kg dry	521	7.58	102	80-120			
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**Matrix Spike (P1F0201-MS2)**

Source: 1E21013-03

Prepared: 06/02/21 Analyzed: 06/03/21

Chloride	539	1.12	mg/kg dry	562	9.97	94.2	80-120			
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**Matrix Spike Dup (P1F0201-MSD1)**

Source: 1E21010-26

Prepared: 06/02/21 Analyzed: 06/03/21

Chloride	536	1.04	mg/kg dry	521	7.58	101	80-120	0.664	20	
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**Matrix Spike Dup (P1F0201-MSD2)**

Source: 1E21013-03

Prepared: 06/02/21 Analyzed: 06/03/21

Chloride	542	1.12	mg/kg dry	562	9.97	94.6	80-120	0.405	20	
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**Batch P1F0202 - \*\*\* DEFAULT PREP \*\*\***

**Blank (P1F0202-BLK1)**

Prepared: 06/02/21 Analyzed: 06/04/21

Chloride	ND	1.00	mg/kg wet							
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**LCS (P1F0202-BS1)**

Prepared: 06/02/21 Analyzed: 06/04/21

Chloride	397	1.00	mg/kg wet	400		99.2	90-110			
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**LCS Dup (P1F0202-BSD1)**

Prepared: 06/02/21 Analyzed: 06/04/21

Chloride	394	1.00	mg/kg wet	400		98.4	90-110	0.721	20	
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 Project Manager: Tim McMinn

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P1F0202 - \*\*\* DEFAULT PREP \*\*\***

**Calibration Check (P1F0202-CCV1)**

Prepared: 06/02/21 Analyzed: 06/04/21

Chloride	19.2		mg/kg	20.0		95.9	90-110			
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**Calibration Check (P1F0202-CCV2)**

Prepared: 06/02/21 Analyzed: 06/04/21

Chloride	18.8		mg/kg	20.0		94.1	90-110			
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**Calibration Check (P1F0202-CCV3)**

Prepared: 06/02/21 Analyzed: 06/04/21

Chloride	19.7		mg/kg	20.0		98.4	90-110			
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**Matrix Spike (P1F0202-MS1)**

**Source: 1E21016-03**

Prepared: 06/02/21 Analyzed: 06/04/21

Chloride	455	1.01	mg/kg dry	505	10.2	88.1	80-120			
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**Matrix Spike (P1F0202-MS2)**

**Source: 1E21019-01**

Prepared: 06/02/21 Analyzed: 06/04/21

Chloride	742	1.14	mg/kg dry	568	194	96.5	80-120			
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**Matrix Spike Dup (P1F0202-MSD1)**

**Source: 1E21016-03**

Prepared: 06/02/21 Analyzed: 06/04/21

Chloride	472	1.01	mg/kg dry	505	10.2	91.5	80-120	3.67	20	
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**Matrix Spike Dup (P1F0202-MSD2)**

**Source: 1E21019-01**

Prepared: 06/02/21 Analyzed: 06/04/21

Chloride	751	1.14	mg/kg dry	568	194	98.0	80-120	1.18	20	
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Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P1E2406 - TX 1005**

**Blank (P1E2406-BLK1)**

Prepared: 05/24/21 Analyzed: 05/25/21

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	82.6		"	100		82.6	70-130			
Surrogate: o-Terphenyl	48.7		"	50.0		97.3	70-130			

**LCS (P1E2406-BS1)**

Prepared: 05/24/21 Analyzed: 05/25/21

C6-C12	837	25.0	mg/kg wet	1000		83.7	75-125			
>C12-C28	829	25.0	"	1000		82.9	75-125			
Surrogate: 1-Chlorooctane	122		"	100		122	70-130			
Surrogate: o-Terphenyl	50.3		"	50.0		101	70-130			

**LCS Dup (P1E2406-BSD1)**

Prepared: 05/24/21 Analyzed: 05/25/21

C6-C12	817	25.0	mg/kg wet	1000		81.7	75-125	2.33	20	
>C12-C28	798	25.0	"	1000		79.8	75-125	3.82	20	
Surrogate: 1-Chlorooctane	118		"	100		118	70-130			
Surrogate: o-Terphenyl	47.9		"	50.0		95.8	70-130			

**Calibration Check (P1E2406-CCV1)**

Prepared: 05/24/21 Analyzed: 05/25/21

C6-C12	438	25.0	mg/kg wet	500		87.6	85-115			
>C12-C28	451	25.0	"	500		90.1	85-115			
Surrogate: 1-Chlorooctane	99.3		"	100		99.3	70-130			
Surrogate: o-Terphenyl	47.3		"	50.0		94.6	70-130			

**Calibration Check (P1E2406-CCV2)**

Prepared: 05/24/21 Analyzed: 05/25/21

C6-C12	490	25.0	mg/kg wet	500		98.1	85-115			
>C12-C28	458	25.0	"	500		91.6	85-115			
Surrogate: 1-Chlorooctane	111		"	100		111	70-130			
Surrogate: o-Terphenyl	52.3		"	50.0		105	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P1E2406 - TX 1005**

**Calibration Check (P1E2406-CCV3)**

Prepared: 05/24/21 Analyzed: 05/25/21

C6-C12	487	25.0	mg/kg wet	500		97.4	85-115			
>C12-C28	485	25.0	"	500		96.9	85-115			
Surrogate: 1-Chlorooctane	111		"	100		111	70-130			
Surrogate: o-Terphenyl	52.3		"	50.0		105	70-130			

**Matrix Spike (P1E2406-MS1)**

Source: 1E21013-01

Prepared: 05/24/21 Analyzed: 05/25/21

C6-C12	1190	28.7	mg/kg dry	1150	ND	103	75-125			
>C12-C28	1020	28.7	"	1150	38.7	85.2	75-125			
Surrogate: 1-Chlorooctane	142		"	115		123	70-130			
Surrogate: o-Terphenyl	65.3		"	57.5		114	70-130			

**Matrix Spike Dup (P1E2406-MSD1)**

Source: 1E21013-01

Prepared: 05/24/21 Analyzed: 05/25/21

C6-C12	1210	28.7	mg/kg dry	1150	ND	105	75-125	1.59	20	
>C12-C28	1110	28.7	"	1150	38.7	93.3	75-125	9.07	20	
Surrogate: 1-Chlorooctane	107		"	115		92.8	70-130			
Surrogate: o-Terphenyl	58.8		"	57.5		102	70-130			

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

### Notes and Definitions

ROI Received on Ice

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

BULK Samples received in Bulk soil containers

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

6/7/2021

Brent Barron, Laboratory Director/Technical Director

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If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

Permian Basin Environmental Lab, L.P.

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**PBELAB**  
Permian Basin Environmental Lab, LP  
1400 Rankin Hwy  
Midland Texas 79701  
Phone: 432-686-7235

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: **Tim McMin**

Company Name: Etech Environmental & Safety Solutions, Inc.

Company Address: P.O. Box 622228

City/State/Zip: Midland, Texas 79711

Sampler Signature: [Signature] email: \_\_\_\_\_

**Tim@etechenv.com**

Project Name: Chorizo State COM502H Disce/Sp-11

Project #: 15664 Project Loc: Lea County, NM

Area:                      PO#: 79417

☐ Bill Etech

Report Format: STANDARD: ☐ TRRP: ☐ NPDES: ☐ Analyze For:[illegible]

**PERMIAN BASIN  
ENVIRONMENTAL LAB, LP  
1400 Rankin Hwy  
Midland, TX 79701**



# Analytical Report

**Prepared for:**

Tim McMinn  
E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa, TX 79765

Project: Chorizo State COM 502H Diesel Spill

Project Number: 13664

Location: Lea County, NM

Lab Order Number: 2C15004



**Current Certification**

Report Date: 03/16/22

E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Comp-1 @ 1'	2C15004-01	Soil	03/14/22 11:15	03-15-2022 10:06
Comp-2 @ 1'	2C15004-02	Soil	03/14/22 11:18	03-15-2022 10:06
Comp-3 @ 3'	2C15004-03	Soil	03/14/22 11:21	03-15-2022 10:06
Comp-4 @ 3'	2C15004-04	Soil	03/14/22 11:24	03-15-2022 10:06
Comp-5 @ 3'	2C15004-05	Soil	03/14/22 11:27	03-15-2022 10:06
Comp-6 @ 3'	2C15004-06	Soil	03/14/22 11:30	03-15-2022 10:06
Comp-7 @ 3'	2C15004-07	Soil	03/14/22 11:33	03-15-2022 10:06
Comp-8 @ 3'	2C15004-08	Soil	03/14/22 11:36	03-15-2022 10:06
Comp-9 @ 3'	2C15004-09	Soil	03/14/22 11:39	03-15-2022 10:06
Comp-10 @ 3'	2C15004-10	Soil	03/14/22 11:42	03-15-2022 10:06
Comp-11 @ 3'	2C15004-11	Soil	03/14/22 11:45	03-15-2022 10:06
Comp-12 @ 3'	2C15004-12	Soil	03/14/22 11:48	03-15-2022 10:06
Comp-13 @ 3'	2C15004-13	Soil	03/14/22 11:51	03-15-2022 10:06
Comp-14 @ 3'	2C15004-14	Soil	03/14/22 11:54	03-15-2022 10:06
Comp-15 @ 3'	2C15004-15	Soil	03/14/22 11:57	03-15-2022 10:06
Comp-16 @ 3'	2C15004-16	Soil	03/14/22 12:00	03-15-2022 10:06
Comp-17 @ 3'	2C15004-17	Soil	03/14/22 12:03	03-15-2022 10:06
Comp-18 @ 3'	2C15004-18	Soil	03/14/22 12:06	03-15-2022 10:06
Comp-19 @ 3'	2C15004-19	Soil	03/14/22 12:09	03-15-2022 10:06
Comp-20 @ 3'	2C15004-20	Soil	03/14/22 12:12	03-15-2022 10:06
Comp-21 @ 3'	2C15004-21	Soil	03/14/22 12:15	03-15-2022 10:06
Comp-22 @ 3'	2C15004-22	Soil	03/14/22 12:18	03-15-2022 10:06
Comp-23 @ 3'	2C15004-23	Soil	03/14/22 12:21	03-15-2022 10:06
Comp-24 @ 3'	2C15004-24	Soil	03/14/22 12:24	03-15-2022 10:06
Comp-25 @ 3'	2C15004-25	Soil	03/14/22 12:27	03-15-2022 10:06
Comp-26 @ 3'	2C15004-26	Soil	03/14/22 12:30	03-15-2022 10:06
Comp-27 @ 3'	2C15004-27	Soil	03/14/22 12:33	03-15-2022 10:06
Comp-28 @ 3'	2C15004-28	Soil	03/14/22 12:36	03-15-2022 10:06
Comp-29 @ 3'	2C15004-29	Soil	03/14/22 12:39	03-15-2022 10:06
Comp-30 @ 3'	2C15004-30	Soil	03/14/22 12:42	03-15-2022 10:06
Comp-31 @ 3'	2C15004-31	Soil	03/14/22 12:45	03-15-2022 10:06
Comp-32 @ 6'	2C15004-32	Soil	03/14/22 12:48	03-15-2022 10:06
Comp-33 @ 6'	2C15004-33	Soil	03/14/22 12:51	03-15-2022 10:06
Comp-34 @ 6'	2C15004-34	Soil	03/14/22 12:54	03-15-2022 10:06

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

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Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**Comp-1 @ 1'**  
**2C15004-01 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00106	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 14:14	EPA 8021B	
<b>Toluene</b>	<b>0.00164</b>	0.00106	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 14:14	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 14:14	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 14:14	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 14:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	92.2 %		80-120		P2C1506	03/15/22 10:49	03/15/22 14:14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P2C1506	03/15/22 10:49	03/15/22 14:14	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	6.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.6	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 13:45	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 13:45	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 13:45	TPH 8015M	
Surrogate: 1-Chlorooctane	89.5 %		70-130		P2C1502	03/15/22 09:35	03/15/22 13:45	TPH 8015M	
Surrogate: o-Terphenyl	104 %		70-130		P2C1502	03/15/22 09:35	03/15/22 13:45	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/15/22 09:35	03/15/22 13:45	calc	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**Comp-2 @ 1'**  
**2C15004-02 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 14:35	EPA 8021B	
<b>Toluene</b>	<b>0.00378</b>	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 14:35	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 14:35	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 14:35	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 14:35	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P2C1506	03/15/22 10:49	03/15/22 14:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.5 %		80-120		P2C1506	03/15/22 10:49	03/15/22 14:35	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	7.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 14:07	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 14:07	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 14:07	TPH 8015M	
Surrogate: 1-Chlorooctane	96.0 %		70-130		P2C1502	03/15/22 09:35	03/15/22 14:07	TPH 8015M	
Surrogate: o-Terphenyl	103 %		70-130		P2C1502	03/15/22 09:35	03/15/22 14:07	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/15/22 09:35	03/15/22 14:07	calc	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-3 @ 3'**  
**2C15004-03 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 14:56	EPA 8021B	
<b>Toluene</b>	<b>0.00348</b>	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 14:56	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 14:56	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 14:56	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 14:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.9 %		80-120		P2C1506	03/15/22 10:49	03/15/22 14:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	105 %		80-120		P2C1506	03/15/22 10:49	03/15/22 14:56	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	7.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 14:29	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 14:29	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 14:29	TPH 8015M	
Surrogate: 1-Chlorooctane	94.5 %		70-130		P2C1502	03/15/22 09:35	03/15/22 14:29	TPH 8015M	
Surrogate: o-Terphenyl	101 %		70-130		P2C1502	03/15/22 09:35	03/15/22 14:29	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/15/22 09:35	03/15/22 14:29	calc	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-4 @ 3'**  
**2C15004-04 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00112	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 15:18	EPA 8021B	
<b>Toluene</b>	<b>0.00140</b>	0.00112	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 15:18	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 15:18	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 15:18	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 15:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.3 %		80-120		P2C1506	03/15/22 10:49	03/15/22 15:18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P2C1506	03/15/22 10:49	03/15/22 15:18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	11.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	28.1	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 14:50	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 14:50	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 14:50	TPH 8015M	
Surrogate: 1-Chlorooctane	99.1 %		70-130		P2C1502	03/15/22 09:35	03/15/22 14:50	TPH 8015M	
Surrogate: o-Terphenyl	111 %		70-130		P2C1502	03/15/22 09:35	03/15/22 14:50	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	03/15/22 09:35	03/15/22 14:50	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-5 @ 3'**  
**2C15004-05 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00112	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 15:39	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 15:39	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 15:39	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 15:39	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 15:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.8 %		80-120		P2C1506	03/15/22 10:49	03/15/22 15:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P2C1506	03/15/22 10:49	03/15/22 15:39	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	11.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	28.1	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 15:13	TPH 8015M	
>C12-C28	81.9	28.1	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 15:13	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 15:13	TPH 8015M	
Surrogate: 1-Chlorooctane	97.2 %		70-130		P2C1502	03/15/22 09:35	03/15/22 15:13	TPH 8015M	
Surrogate: o-Terphenyl	108 %		70-130		P2C1502	03/15/22 09:35	03/15/22 15:13	TPH 8015M	
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>81.9</b>	28.1	mg/kg dry	1	[CALC]	03/15/22 09:35	03/15/22 15:13	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-6 @ 3'**  
**2C15004-06 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00114	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 16:00	EPA 8021B	
<b>Toluene</b>	<b>0.00224</b>	0.00114	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 16:00	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 16:00	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 16:00	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 16:00	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	103 %		80-120		P2C1506	03/15/22 10:49	03/15/22 16:00	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.3 %		80-120		P2C1506	03/15/22 10:49	03/15/22 16:00	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	12.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	28.4	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 15:35	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 15:35	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 15:35	TPH 8015M	
Surrogate: 1-Chlorooctane	88.4 %		70-130		P2C1502	03/15/22 09:35	03/15/22 15:35	TPH 8015M	
Surrogate: o-Terphenyl	100 %		70-130		P2C1502	03/15/22 09:35	03/15/22 15:35	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	03/15/22 09:35	03/15/22 15:35	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-7 @ 3'**  
**2C15004-07 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00111	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 16:22	EPA 8021B	
<b>Toluene</b>	<b>0.00270</b>	0.00111	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 16:22	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 16:22	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 16:22	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 16:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.1 %		80-120		P2C1506	03/15/22 10:49	03/15/22 16:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P2C1506	03/15/22 10:49	03/15/22 16:22	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	10.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	27.8	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 15:57	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 15:57	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 15:57	TPH 8015M	
Surrogate: 1-Chlorooctane	98.5 %		70-130		P2C1502	03/15/22 09:35	03/15/22 15:57	TPH 8015M	
Surrogate: o-Terphenyl	110 %		70-130		P2C1502	03/15/22 09:35	03/15/22 15:57	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	03/15/22 09:35	03/15/22 15:57	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-8 @ 3'**  
**2C15004-08 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00110	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 16:43	EPA 8021B	
<b>Toluene</b>	<b>0.00114</b>	0.00110	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 16:43	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 16:43	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 16:43	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 16:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.4 %		80-120		P2C1506	03/15/22 10:49	03/15/22 16:43	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	105 %		80-120		P2C1506	03/15/22 10:49	03/15/22 16:43	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	9.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	27.5	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 17:03	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 17:03	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 17:03	TPH 8015M	
Surrogate: 1-Chlorooctane	93.5 %		70-130		P2C1502	03/15/22 09:35	03/15/22 17:03	TPH 8015M	
Surrogate: o-Terphenyl	109 %		70-130		P2C1502	03/15/22 09:35	03/15/22 17:03	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	03/15/22 09:35	03/15/22 17:03	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**Comp-9 @ 3'**  
**2C15004-09 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00110	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 17:04	EPA 8021B	
<b>Toluene</b>	<b>0.00187</b>	0.00110	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 17:04	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 17:04	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 17:04	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 17:04	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	105 %		80-120		P2C1506	03/15/22 10:49	03/15/22 17:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.9 %		80-120		P2C1506	03/15/22 10:49	03/15/22 17:04	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	9.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	27.5	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 17:25	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 17:25	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 17:25	TPH 8015M	
Surrogate: 1-Chlorooctane	68.4 %		70-130		P2C1502	03/15/22 09:35	03/15/22 17:25	TPH 8015M	S-GC
Surrogate: o-Terphenyl	74.4 %		70-130		P2C1502	03/15/22 09:35	03/15/22 17:25	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	03/15/22 09:35	03/15/22 17:25	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-10 @ 3'**  
**2C15004-10 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00106	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 17:25	EPA 8021B	
<b>Toluene</b>	<b>0.00248</b>	0.00106	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 17:25	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 17:25	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 17:25	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 17:25	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.6 %		80-120		P2C1506	03/15/22 10:49	03/15/22 17:25	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	105 %		80-120		P2C1506	03/15/22 10:49	03/15/22 17:25	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

<b>% Moisture</b>	<b>6.0</b>	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.6	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 17:47	TPH 8015M	
<b>&gt;C12-C28</b>	<b>123</b>	26.6	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 17:47	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 17:47	TPH 8015M	
Surrogate: 1-Chlorooctane	92.6 %		70-130		P2C1502	03/15/22 09:35	03/15/22 17:47	TPH 8015M	
Surrogate: o-Terphenyl	100 %		70-130		P2C1502	03/15/22 09:35	03/15/22 17:47	TPH 8015M	
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>123</b>	26.6	mg/kg dry	1	[CALC]	03/15/22 09:35	03/15/22 17:47	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-11 @ 3'**  
**2C15004-11 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 18:28	EPA 8021B	
<b>Toluene</b>	<b>0.00267</b>	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 18:28	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 18:28	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 18:28	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 18:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.2 %		80-120		P2C1506	03/15/22 10:49	03/15/22 18:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P2C1506	03/15/22 10:49	03/15/22 18:28	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	7.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 18:09	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 18:09	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 18:09	TPH 8015M	
Surrogate: 1-Chlorooctane	92.9 %		70-130		P2C1502	03/15/22 09:35	03/15/22 18:09	TPH 8015M	
Surrogate: o-Terphenyl	110 %		70-130		P2C1502	03/15/22 09:35	03/15/22 18:09	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/15/22 09:35	03/15/22 18:09	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-12 @ 3'**  
**2C15004-12 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00109	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 18:49	EPA 8021B	
<b>Toluene</b>	<b>0.00163</b>	0.00109	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 18:49	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 18:49	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 18:49	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 18:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P2C1506	03/15/22 10:49	03/15/22 18:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.0 %		80-120		P2C1506	03/15/22 10:49	03/15/22 18:49	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	8.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	27.2	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 18:31	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 18:31	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 18:31	TPH 8015M	
Surrogate: 1-Chlorooctane	99.0 %		70-130		P2C1502	03/15/22 09:35	03/15/22 18:31	TPH 8015M	
Surrogate: o-Terphenyl	117 %		70-130		P2C1502	03/15/22 09:35	03/15/22 18:31	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	03/15/22 09:35	03/15/22 18:31	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-13 @ 3'**  
**2C15004-13 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00111	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 19:10	EPA 8021B	
<b>Toluene</b>	<b>0.00371</b>	0.00111	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 19:10	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 19:10	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 19:10	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 19:10	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	105 %		80-120		P2C1506	03/15/22 10:49	03/15/22 19:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	93.4 %		80-120		P2C1506	03/15/22 10:49	03/15/22 19:10	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	10.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	27.8	mg/kg dry	1	P2C1502	03/15/22 09:35	03/16/22 14:41	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P2C1502	03/15/22 09:35	03/16/22 14:41	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P2C1502	03/15/22 09:35	03/16/22 14:41	TPH 8015M	
Surrogate: 1-Chlorooctane	60.6 %		70-130		P2C1502	03/15/22 09:35	03/16/22 14:41	TPH 8015M	S-GC1
Surrogate: o-Terphenyl	61.0 %		70-130		P2C1502	03/15/22 09:35	03/16/22 14:41	TPH 8015M	S-GC1
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	03/15/22 09:35	03/16/22 14:41	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**Comp-14 @ 3'**  
**2C15004-14 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00112	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 19:30	EPA 8021B	
<b>Toluene</b>	<b>0.00192</b>	0.00112	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 19:30	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 19:30	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 19:30	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 19:30	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	93.9 %		80-120		P2C1506	03/15/22 10:49	03/15/22 19:30	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P2C1506	03/15/22 10:49	03/15/22 19:30	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	11.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	28.1	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 19:15	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 19:15	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 19:15	TPH 8015M	
Surrogate: 1-Chlorooctane	91.7 %		70-130		P2C1502	03/15/22 09:35	03/15/22 19:15	TPH 8015M	
Surrogate: o-Terphenyl	101 %		70-130		P2C1502	03/15/22 09:35	03/15/22 19:15	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	03/15/22 09:35	03/15/22 19:15	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-15 @ 3'**  
**2C15004-15 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00110	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 19:51	EPA 8021B	
<b>Toluene</b>	<b>0.00324</b>	0.00110	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 19:51	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 19:51	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 19:51	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 19:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	91.3 %		80-120		P2C1506	03/15/22 10:49	03/15/22 19:51	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P2C1506	03/15/22 10:49	03/15/22 19:51	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	9.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	27.5	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 19:36	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 19:36	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 19:36	TPH 8015M	
Surrogate: 1-Chlorooctane	105 %		70-130		P2C1502	03/15/22 09:35	03/15/22 19:36	TPH 8015M	
Surrogate: o-Terphenyl	121 %		70-130		P2C1502	03/15/22 09:35	03/15/22 19:36	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	03/15/22 09:35	03/15/22 19:36	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**Comp-16 @ 3'**  
**2C15004-16 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00105	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 20:12	EPA 8021B	
<b>Toluene</b>	<b>0.00207</b>	0.00105	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 20:12	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 20:12	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 20:12	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 20:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	90.7 %		80-120		P2C1506	03/15/22 10:49	03/15/22 20:12	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	105 %		80-120		P2C1506	03/15/22 10:49	03/15/22 20:12	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	5.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.3	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 19:58	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 19:58	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 19:58	TPH 8015M	
Surrogate: 1-Chlorooctane	100 %		70-130		P2C1502	03/15/22 09:35	03/15/22 19:58	TPH 8015M	
Surrogate: o-Terphenyl	114 %		70-130		P2C1502	03/15/22 09:35	03/15/22 19:58	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/15/22 09:35	03/15/22 19:58	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-17 @ 3'**  
**2C15004-17 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 20:33	EPA 8021B	
<b>Toluene</b>	<b>0.00363</b>	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 20:33	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 20:33	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 20:33	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 20:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.4 %		80-120		P2C1506	03/15/22 10:49	03/15/22 20:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P2C1506	03/15/22 10:49	03/15/22 20:33	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	7.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 20:19	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 20:19	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P2C1502	03/15/22 09:35	03/15/22 20:19	TPH 8015M	
Surrogate: 1-Chlorooctane	106 %		70-130		P2C1502	03/15/22 09:35	03/15/22 20:19	TPH 8015M	
Surrogate: o-Terphenyl	117 %		70-130		P2C1502	03/15/22 09:35	03/15/22 20:19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/15/22 09:35	03/15/22 20:19	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-18 @ 3'**  
**2C15004-18 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 20:53	EPA 8021B	
<b>Toluene</b>	<b>0.00223</b>	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 20:53	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 20:53	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 20:53	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 20:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	90.5 %		80-120		P2C1506	03/15/22 10:49	03/15/22 20:53	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	103 %		80-120		P2C1506	03/15/22 10:49	03/15/22 20:53	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	7.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P2C1508	03/15/22 11:00	03/15/22 23:32	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P2C1508	03/15/22 11:00	03/15/22 23:32	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P2C1508	03/15/22 11:00	03/15/22 23:32	TPH 8015M	
Surrogate: 1-Chlorooctane	105 %		70-130		P2C1508	03/15/22 11:00	03/15/22 23:32	TPH 8015M	
Surrogate: o-Terphenyl	114 %		70-130		P2C1508	03/15/22 11:00	03/15/22 23:32	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/15/22 11:00	03/15/22 23:32	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**Comp-19 @ 3'**  
**2C15004-19 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00111	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 21:14	EPA 8021B	
<b>Toluene</b>	<b>0.00214</b>	0.00111	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 21:14	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 21:14	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 21:14	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 21:14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P2C1506	03/15/22 10:49	03/15/22 21:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	90.0 %		80-120		P2C1506	03/15/22 10:49	03/15/22 21:14	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

<b>% Moisture</b>	<b>10.0</b>	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	27.8	mg/kg dry	1	P2C1508	03/15/22 11:00	03/15/22 23:54	TPH 8015M	
<b>&gt;C12-C28</b>	<b>54.4</b>	27.8	mg/kg dry	1	P2C1508	03/15/22 11:00	03/15/22 23:54	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P2C1508	03/15/22 11:00	03/15/22 23:54	TPH 8015M	
Surrogate: 1-Chlorooctane	110 %		70-130		P2C1508	03/15/22 11:00	03/15/22 23:54	TPH 8015M	
Surrogate: o-Terphenyl	125 %		70-130		P2C1508	03/15/22 11:00	03/15/22 23:54	TPH 8015M	
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>54.4</b>	27.8	mg/kg dry	1	[CALC]	03/15/22 11:00	03/15/22 23:54	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**Comp-20 @ 3'**  
**2C15004-20 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 21:35	EPA 8021B	
<b>Toluene</b>	<b>0.00269</b>	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 21:35	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 21:35	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 21:35	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P2C1506	03/15/22 10:49	03/15/22 21:35	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	103 %		80-120		P2C1506	03/15/22 10:49	03/15/22 21:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	88.4 %		80-120		P2C1506	03/15/22 10:49	03/15/22 21:35	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	7.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 00:15	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 00:15	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 00:15	TPH 8015M	
Surrogate: 1-Chlorooctane	117 %		70-130		P2C1508	03/15/22 11:00	03/16/22 00:15	TPH 8015M	
Surrogate: o-Terphenyl	126 %		70-130		P2C1508	03/15/22 11:00	03/16/22 00:15	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/15/22 11:00	03/16/22 00:15	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-21 @ 3'**  
**2C15004-21 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00108	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 10:08	EPA 8021B	
<b>Toluene</b>	<b>0.00132</b>	0.00108	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 10:08	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 10:08	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 10:08	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 10:08	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	90.3 %		80-120		P2C1507	03/15/22 10:53	03/16/22 10:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	103 %		80-120		P2C1507	03/15/22 10:53	03/16/22 10:08	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	7.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 00:37	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 00:37	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 00:37	TPH 8015M	
Surrogate: 1-Chlorooctane	86.6 %		70-130		P2C1508	03/15/22 11:00	03/16/22 00:37	TPH 8015M	
Surrogate: o-Terphenyl	96.2 %		70-130		P2C1508	03/15/22 11:00	03/16/22 00:37	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/15/22 11:00	03/16/22 00:37	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-22 @ 3'**  
**2C15004-22 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00108	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 10:29	EPA 8021B	
<b>Toluene</b>	<b>0.00200</b>	0.00108	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 10:29	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 10:29	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 10:29	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 10:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	105 %		80-120		P2C1507	03/15/22 10:53	03/16/22 10:29	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	92.8 %		80-120		P2C1507	03/15/22 10:53	03/16/22 10:29	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	7.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.9	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 00:58	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 00:58	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 00:58	TPH 8015M	
Surrogate: 1-Chlorooctane	112 %		70-130		P2C1508	03/15/22 11:00	03/16/22 00:58	TPH 8015M	
Surrogate: o-Terphenyl	122 %		70-130		P2C1508	03/15/22 11:00	03/16/22 00:58	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/15/22 11:00	03/16/22 00:58	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-23 @ 3'**  
**2C15004-23 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00112	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 10:49	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 10:49	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 10:49	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 10:49	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 10:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	106 %		80-120		P2C1507	03/15/22 10:53	03/16/22 10:49	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.4 %		80-120		P2C1507	03/15/22 10:53	03/16/22 10:49	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	11.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	28.1	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 08:03	TPH 8015M	
>C12-C28	118	28.1	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 08:03	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 08:03	TPH 8015M	
Surrogate: 1-Chlorooctane	111 %		70-130		P2C1508	03/15/22 11:00	03/16/22 08:03	TPH 8015M	
Surrogate: o-Terphenyl	126 %		70-130		P2C1508	03/15/22 11:00	03/16/22 08:03	TPH 8015M	
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>118</b>	28.1	mg/kg dry	1	[CALC]	03/15/22 11:00	03/16/22 08:03	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-24 @ 3'**  
**2C15004-24 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00112	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 11:10	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 11:10	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 11:10	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 11:10	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 11:10	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	92.2 %		80-120		P2C1507	03/15/22 10:53	03/16/22 11:10	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P2C1507	03/15/22 10:53	03/16/22 11:10	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	11.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	28.1	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 08:25	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 08:25	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 08:25	TPH 8015M	
Surrogate: 1-Chlorooctane	101 %		70-130		P2C1508	03/15/22 11:00	03/16/22 08:25	TPH 8015M	
Surrogate: o-Terphenyl	111 %		70-130		P2C1508	03/15/22 11:00	03/16/22 08:25	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	03/15/22 11:00	03/16/22 08:25	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-25 @ 3'**  
**2C15004-25 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00110	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 11:31	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 11:31	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 11:31	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 11:31	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 11:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	92.3 %		80-120		P2C1507	03/15/22 10:53	03/16/22 11:31	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P2C1507	03/15/22 10:53	03/16/22 11:31	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	9.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	27.5	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 08:46	TPH 8015M	
>C12-C28	43.2	27.5	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 08:46	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 08:46	TPH 8015M	
Surrogate: 1-Chlorooctane	91.0 %		70-130		P2C1508	03/15/22 11:00	03/16/22 08:46	TPH 8015M	
Surrogate: o-Terphenyl	98.7 %		70-130		P2C1508	03/15/22 11:00	03/16/22 08:46	TPH 8015M	
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>43.2</b>	27.5	mg/kg dry	1	[CALC]	03/15/22 11:00	03/16/22 08:46	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-26 @ 3'**  
**2C15004-26 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00110	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 11:52	EPA 8021B	
<b>Toluene</b>	<b>0.00119</b>	0.00110	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 11:52	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 11:52	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 11:52	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 11:52	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.4 %		80-120		P2C1507	03/15/22 10:53	03/16/22 11:52	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P2C1507	03/15/22 10:53	03/16/22 11:52	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	9.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	27.5	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 09:08	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 09:08	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 09:08	TPH 8015M	
Surrogate: 1-Chlorooctane	109 %		70-130		P2C1508	03/15/22 11:00	03/16/22 09:08	TPH 8015M	
Surrogate: o-Terphenyl	123 %		70-130		P2C1508	03/15/22 11:00	03/16/22 09:08	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	03/15/22 11:00	03/16/22 09:08	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-27 @ 3'**  
**2C15004-27 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00111	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 12:13	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 12:13	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 12:13	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 12:13	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 12:13	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	94.3 %		80-120		P2C1507	03/15/22 10:53	03/16/22 12:13	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	106 %		80-120		P2C1507	03/15/22 10:53	03/16/22 12:13	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	10.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	27.8	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 09:29	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 09:29	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 09:29	TPH 8015M	
Surrogate: 1-Chlorooctane	104 %		70-130		P2C1508	03/15/22 11:00	03/16/22 09:29	TPH 8015M	
Surrogate: o-Terphenyl	116 %		70-130		P2C1508	03/15/22 11:00	03/16/22 09:29	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	03/15/22 11:00	03/16/22 09:29	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-28 @ 3'**  
**2C15004-28 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00112	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 12:35	EPA 8021B	
<b>Toluene</b>	<b>0.00113</b>	0.00112	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 12:35	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 12:35	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 12:35	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 12:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.5 %		80-120		P2C1507	03/15/22 10:53	03/16/22 12:35	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	105 %		80-120		P2C1507	03/15/22 10:53	03/16/22 12:35	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	11.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	28.1	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 10:34	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 10:34	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 10:34	TPH 8015M	
Surrogate: 1-Chlorooctane	105 %		70-130		P2C1508	03/15/22 11:00	03/16/22 10:34	TPH 8015M	
Surrogate: o-Terphenyl	121 %		70-130		P2C1508	03/15/22 11:00	03/16/22 10:34	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	03/15/22 11:00	03/16/22 10:34	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-29 @ 3'**  
**2C15004-29 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00104	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 12:56	EPA 8021B	
<b>Toluene</b>	<b>0.00162</b>	0.00104	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 12:56	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 12:56	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 12:56	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 12:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.6 %		80-120		P2C1507	03/15/22 10:53	03/16/22 12:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P2C1507	03/15/22 10:53	03/16/22 12:56	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

<b>% Moisture</b>	<b>4.0</b>	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.0	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 10:56	TPH 8015M	
<b>&gt;C12-C28</b>	<b>28.4</b>	26.0	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 10:56	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 10:56	TPH 8015M	
Surrogate: 1-Chlorooctane	116 %		70-130		P2C1508	03/15/22 11:00	03/16/22 10:56	TPH 8015M	
Surrogate: o-Terphenyl	126 %		70-130		P2C1508	03/15/22 11:00	03/16/22 10:56	TPH 8015M	
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>28.4</b>	26.0	mg/kg dry	1	[CALC]	03/15/22 11:00	03/16/22 10:56	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-30 @ 3'**  
**2C15004-30 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00109	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 13:18	EPA 8021B	
<b>Toluene</b>	<b>0.00167</b>	0.00109	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 13:18	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 13:18	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 13:18	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 13:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	96.9 %		80-120		P2C1507	03/15/22 10:53	03/16/22 13:18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P2C1507	03/15/22 10:53	03/16/22 13:18	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	8.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	27.2	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 11:17	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 11:17	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 11:17	TPH 8015M	
Surrogate: 1-Chlorooctane	107 %		70-130		P2C1508	03/15/22 11:00	03/16/22 11:17	TPH 8015M	
Surrogate: o-Terphenyl	120 %		70-130		P2C1508	03/15/22 11:00	03/16/22 11:17	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	03/15/22 11:00	03/16/22 11:17	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Comp-31 @ 3'**  
**2C15004-31 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00110	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 14:22	EPA 8021B	
<b>Toluene</b>	<b>0.00198</b>	0.00110	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 14:22	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 14:22	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 14:22	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 14:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	104 %		80-120		P2C1507	03/15/22 10:53	03/16/22 14:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	95.6 %		80-120		P2C1507	03/15/22 10:53	03/16/22 14:22	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	9.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	27.5	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 11:39	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 11:39	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 11:39	TPH 8015M	
Surrogate: 1-Chlorooctane	110 %		70-130		P2C1508	03/15/22 11:00	03/16/22 11:39	TPH 8015M	
Surrogate: o-Terphenyl	125 %		70-130		P2C1508	03/15/22 11:00	03/16/22 11:39	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	03/15/22 11:00	03/16/22 11:39	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**Comp-32 @ 6'**  
**2C15004-32 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00104	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 14:44	EPA 8021B	
<b>Toluene</b>	<b>0.00188</b>	0.00104	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 14:44	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 14:44	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 14:44	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 14:44	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	105 %		80-120		P2C1507	03/15/22 10:53	03/16/22 14:44	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.0 %		80-120		P2C1507	03/15/22 10:53	03/16/22 14:44	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	4.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.0	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 12:00	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 12:00	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 12:00	TPH 8015M	
Surrogate: 1-Chlorooctane	108 %		70-130		P2C1508	03/15/22 11:00	03/16/22 12:00	TPH 8015M	
Surrogate: o-Terphenyl	116 %		70-130		P2C1508	03/15/22 11:00	03/16/22 12:00	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/15/22 11:00	03/16/22 12:00	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**Comp-33 @ 6'**  
**2C15004-33 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00106	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 15:06	EPA 8021B	
<b>Toluene</b>	<b>0.00137</b>	0.00106	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 15:06	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 15:06	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 15:06	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 15:06	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	106 %		80-120		P2C1507	03/15/22 10:53	03/16/22 15:06	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.8 %		80-120		P2C1507	03/15/22 10:53	03/16/22 15:06	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

<b>% Moisture</b>	<b>6.0</b>	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.6	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 12:22	TPH 8015M	
<b>&gt;C12-C28</b>	<b>117</b>	26.6	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 12:22	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 12:22	TPH 8015M	
Surrogate: 1-Chlorooctane	108 %		70-130		P2C1508	03/15/22 11:00	03/16/22 12:22	TPH 8015M	
Surrogate: o-Terphenyl	116 %		70-130		P2C1508	03/15/22 11:00	03/16/22 12:22	TPH 8015M	
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>117</b>	26.6	mg/kg dry	1	[CALC]	03/15/22 11:00	03/16/22 12:22	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**Comp-34 @ 6'**  
**2C15004-34 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

Benzene	ND	0.00104	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 15:28	EPA 8021B	
<b>Toluene</b>	<b>0.00212</b>	0.00104	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 15:28	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 15:28	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 15:28	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P2C1507	03/15/22 10:53	03/16/22 15:28	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.0 %		80-120		P2C1507	03/15/22 10:53	03/16/22 15:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	105 %		80-120		P2C1507	03/15/22 10:53	03/16/22 15:28	EPA 8021B	

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	4.0	0.1	%	1	P2C1513	03/15/22 14:47	03/15/22 14:48	ASTM D2216	
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**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.0	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 12:44	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 12:44	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2C1508	03/15/22 11:00	03/16/22 12:44	TPH 8015M	
Surrogate: 1-Chlorooctane	112 %		70-130		P2C1508	03/15/22 11:00	03/16/22 12:44	TPH 8015M	
Surrogate: o-Terphenyl	121 %		70-130		P2C1508	03/15/22 11:00	03/16/22 12:44	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/15/22 11:00	03/16/22 12:44	calc	

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P2C1506 - General Preparation (GC)**

**Blank (P2C1506-BLK1)**

Prepared & Analyzed: 03/15/22

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.8	80-120			

**LCS (P2C1506-BS1)**

Prepared & Analyzed: 03/15/22

Benzene	0.0870	0.00100	mg/kg wet	0.100		87.0	80-120			
Toluene	0.0830	0.00100	"	0.100		83.0	80-120			
Ethylbenzene	0.0984	0.00100	"	0.100		98.4	80-120			
Xylene (p/m)	0.187	0.00200	"	0.200		93.4	80-120			
Xylene (o)	0.0842	0.00100	"	0.100		84.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.6	80-120			

**LCS Dup (P2C1506-BSD1)**

Prepared & Analyzed: 03/15/22

Benzene	0.0992	0.00100	mg/kg wet	0.100		99.2	80-120	13.1	20	
Toluene	0.0957	0.00100	"	0.100		95.7	80-120	14.2	20	
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120	13.8	20	
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120	13.8	20	
Xylene (o)	0.0964	0.00100	"	0.100		96.4	80-120	13.5	20	
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			

**Calibration Check (P2C1506-CCV1)**

Prepared & Analyzed: 03/15/22

Benzene	0.108	0.00100	mg/kg wet	0.100		108	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.232	0.00200	"	0.200		116	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		94.8	75-125			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	75-125			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P2C1506 - General Preparation (GC)**

Calibration Check (P2C1506-CCV2)			Prepared & Analyzed: 03/15/22							
Benzene	0.111	0.00100	mg/kg wet	0.100		111	80-120			
Toluene	0.107	0.00100	"	0.100		107	80-120			
Ethylbenzene	0.112	0.00100	"	0.100		112	80-120			
Xylene (p/m)	0.229	0.00200	"	0.200		115	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.8	75-125			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	75-125			

Calibration Check (P2C1506-CCV3)			Prepared & Analyzed: 03/15/22							
Benzene	0.118	0.00100	mg/kg wet	0.100		118	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.238	0.00200	"	0.200		119	80-120			
Xylene (o)	0.114	0.00100	"	0.100		114	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		90.2	75-125			
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120		99.0	75-125			

Matrix Spike (P2C1506-MS1)			Source: 2C15004-01		Prepared & Analyzed: 03/15/22					
Benzene	0.0988	0.00106	mg/kg dry	0.106	ND	92.9	80-120			
Toluene	0.0850	0.00106	"	0.106	0.00164	78.3	80-120			QM-05
Ethylbenzene	0.0851	0.00106	"	0.106	ND	79.9	80-120			QM-05
Xylene (p/m)	0.158	0.00213	"	0.213	ND	74.1	80-120			QM-05
Xylene (o)	0.0730	0.00106	"	0.106	ND	68.6	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.119		"	0.128		93.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.135		"	0.128		106	80-120			

Matrix Spike Dup (P2C1506-MSD1)			Source: 2C15004-01		Prepared & Analyzed: 03/15/22					
Benzene	0.102	0.00106	mg/kg dry	0.106	ND	95.9	80-120	3.21	20	
Toluene	0.0872	0.00106	"	0.106	0.00164	80.4	80-120	2.62	20	
Ethylbenzene	0.0868	0.00106	"	0.106	ND	81.6	80-120	1.99	20	
Xylene (p/m)	0.161	0.00213	"	0.213	ND	75.5	80-120	1.97	20	QM-05
Xylene (o)	0.0739	0.00106	"	0.106	ND	69.5	80-120	1.23	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.117		"	0.128		91.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.135		"	0.128		106	80-120			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P2C1507 - General Preparation (GC)**

**Blank (P2C1507-BLK1)**

Prepared: 03/15/22 Analyzed: 03/16/22

Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		85.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			

**LCS (P2C1507-BS1)**

Prepared & Analyzed: 03/15/22

Benzene	0.108	0.00100	mg/kg wet	0.100		108	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.115	0.00100	"	0.100		115	80-120			
Xylene (p/m)	0.216	0.00200	"	0.200		108	80-120			
Xylene (o)	0.0994	0.00100	"	0.100		99.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.114		"	0.120		95.3	80-120			

**Calibration Check (P2C1507-CCV2)**

Prepared: 03/15/22 Analyzed: 03/16/22

Benzene	0.106	0.00100	mg/kg wet	0.100		106	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		107	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	75-125			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	75-125			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P2C1513 - \*\*\* DEFAULT PREP \*\*\***

<b>Blank (P2C1513-BLK1)</b>		Prepared & Analyzed: 03/15/22								
% Moisture	ND	0.1	%							
<b>Blank (P2C1513-BLK2)</b>		Prepared & Analyzed: 03/15/22								
% Moisture	ND	0.1	%							
<b>Duplicate (P2C1513-DUP1)</b>		<b>Source: 2C15004-02</b>		Prepared & Analyzed: 03/15/22						
% Moisture	7.0	0.1	%		7.0			0.00	20	
<b>Duplicate (P2C1513-DUP2)</b>		<b>Source: 2C15004-12</b>		Prepared & Analyzed: 03/15/22						
% Moisture	8.0	0.1	%		8.0			0.00	20	
<b>Duplicate (P2C1513-DUP3)</b>		<b>Source: 2C15004-27</b>		Prepared & Analyzed: 03/15/22						
% Moisture	10.0	0.1	%		10.0			0.00	20	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P2C1502 - \*\*\* DEFAULT PREP \*\*\***

**Blank (P2C1502-BLK1)**

Prepared & Analyzed: 03/15/22

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	120		"	100		120	70-130			
Surrogate: o-Terphenyl	62.6		"	50.0		125	70-130			

**LCS (P2C1502-BS1)**

Prepared & Analyzed: 03/15/22

C6-C12	1000	25.0	mg/kg wet	1000		100	75-125			
>C12-C28	1030	25.0	"	1000		103	75-125			
Surrogate: 1-Chlorooctane	128		"	100		128	70-130			
Surrogate: o-Terphenyl	63.7		"	50.0		127	70-130			

**LCS Dup (P2C1502-BSD1)**

Prepared & Analyzed: 03/15/22

C6-C12	945	25.0	mg/kg wet	1000		94.5	75-125	5.92	20	
>C12-C28	961	25.0	"	1000		96.1	75-125	6.78	20	
Surrogate: 1-Chlorooctane	119		"	100		119	70-130			
Surrogate: o-Terphenyl	59.4		"	50.0		119	70-130			

**Calibration Check (P2C1502-CCV1)**

Prepared & Analyzed: 03/15/22

C6-C12	529	25.0	mg/kg wet	500		106	85-115			
>C12-C28	496	25.0	"	500		99.2	85-115			
Surrogate: 1-Chlorooctane	112		"	100		112	70-130			
Surrogate: o-Terphenyl	59.5		"	50.0		119	70-130			

**Calibration Check (P2C1502-CCV2)**

Prepared & Analyzed: 03/15/22

C6-C12	488	25.0	mg/kg wet	500		97.6	85-115			
>C12-C28	489	25.0	"	500		97.8	85-115			
Surrogate: 1-Chlorooctane	125		"	100		125	70-130			
Surrogate: o-Terphenyl	56.4		"	50.0		113	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P2C1502 - \*\*\* DEFAULT PREP \*\*\***

<b>Matrix Spike (P2C1502-MS1)</b>	<b>Source: 2C15004-17</b>			<b>Prepared &amp; Analyzed: 03/15/22</b>						
C6-C12	1090	26.9	mg/kg dry	1080	11.3	100	75-125			
>C12-C28	1030	26.9	"	1080	13.0	95.0	75-125			
Surrogate: 1-Chlorooctane	119		"	108		111	70-130			
Surrogate: o-Terphenyl	66.0		"	53.8		123	70-130			

<b>Matrix Spike Dup (P2C1502-MSD1)</b>	<b>Source: 2C15004-17</b>			<b>Prepared &amp; Analyzed: 03/15/22</b>						
C6-C12	811	26.9	mg/kg dry	1080	11.3	74.4	75-125	29.5	20	QM-05
>C12-C28	803	26.9	"	1080	13.0	73.5	75-125	25.6	20	QM-05
Surrogate: 1-Chlorooctane	124		"	108		115	70-130			
Surrogate: o-Terphenyl	57.1		"	53.8		106	70-130			

**Batch P2C1508 - \*\*\* DEFAULT PREP \*\*\***

<b>Blank (P2C1508-BLK1)</b>	<b>Prepared &amp; Analyzed: 03/15/22</b>									
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	129		"	100		129	70-130			
Surrogate: o-Terphenyl	69.2		"	50.0		138	70-130			S-GC

<b>LCS (P2C1508-BS1)</b>	<b>Prepared &amp; Analyzed: 03/15/22</b>									
C6-C12	1010	25.0	mg/kg wet	1000		101	75-125			
>C12-C28	942	25.0	"	1000		94.2	75-125			
Surrogate: 1-Chlorooctane	128		"	100		128	70-130			
Surrogate: o-Terphenyl	64.9		"	50.0		130	70-130			

<b>LCS Dup (P2C1508-BSD1)</b>	<b>Prepared &amp; Analyzed: 03/15/22</b>									
C6-C12	1000	25.0	mg/kg wet	1000		100	75-125	0.821	20	
>C12-C28	934	25.0	"	1000		93.4	75-125	0.880	20	
Surrogate: 1-Chlorooctane	130		"	100		130	70-130			
Surrogate: o-Terphenyl	66.3		"	50.0		133	70-130			S-GC

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch P2C1508 - *** DEFAULT PREP ***</b>										
<b>Calibration Check (P2C1508-CCV1)</b>				Prepared & Analyzed: 03/15/22						
C6-C12	517	25.0	mg/kg wet	500		103	85-115			
>C12-C28	485	25.0	"	500		96.9	85-115			
Surrogate: 1-Chlorooctane	128		"	100		128	70-130			
Surrogate: o-Terphenyl	67.5		"	50.0		135	70-130			S-GC
<b>Calibration Check (P2C1508-CCV2)</b>				Prepared: 03/15/22 Analyzed: 03/16/22						
C6-C12	500	25.0	mg/kg wet	500		100	85-115			
>C12-C28	476	25.0	"	500		95.1	85-115			
Surrogate: 1-Chlorooctane	126		"	100		126	70-130			
Surrogate: o-Terphenyl	66.1		"	50.0		132	70-130			S-GC
<b>Calibration Check (P2C1508-CCV3)</b>				Prepared: 03/15/22 Analyzed: 03/16/22						
C6-C12	523	25.0	mg/kg wet	500		105	85-115			
>C12-C28	502	25.0	"	500		100	85-115			
Surrogate: 1-Chlorooctane	129		"	100		129	70-130			
Surrogate: o-Terphenyl	69.3		"	50.0		139	70-130			S-GC
<b>Matrix Spike (P2C1508-MS1)</b>				<b>Source: 2C15004-20</b>		Prepared: 03/15/22 Analyzed: 03/16/22				
C6-C12	880	26.9	mg/kg dry	1080	25.7	79.5	75-125			
>C12-C28	877	26.9	"	1080	12.9	80.4	75-125			
Surrogate: 1-Chlorooctane	126		"	108		117	70-130			
Surrogate: o-Terphenyl	60.1		"	53.8		112	70-130			
<b>Matrix Spike Dup (P2C1508-MSD1)</b>				<b>Source: 2C15004-20</b>		Prepared: 03/15/22 Analyzed: 03/16/22				
C6-C12	834	26.9	mg/kg dry	1080	25.7	75.2	75-125	5.56	20	
>C12-C28	863	26.9	"	1080	12.9	79.0	75-125	1.72	20	
Surrogate: 1-Chlorooctane	135		"	108		126	70-130			
Surrogate: o-Terphenyl	52.2		"	53.8		97.1	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

### Notes and Definitions

S-GC1 Surrogate recovery outside of control limits. A second analysis confirmed the original results..

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

ROI Received on Ice

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

NPBEL C Chain of Custody was not generated at PBELAB

BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

3/16/2022

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765


Project: Chorizo State COM 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

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If you have received this material in error, please notify us immediately at 432-686-7235.



[illegible]

Project Manager: Tim McMillin  
Company Name: Etech Environmental & Safety Solutions, Inc.  
Company Address: P.O. Box 62228  
City/State/Zip: Midland, Texas 79711  
Sampler Signature:  email: Tim

Tim@etechenv.com  
tbs1092@etechenv.com

Project Name: Charito 12 SC 502 H Dist/SP-1  
Project #: 13664 Project Loc: Lea County NM  
Area: \_\_\_\_\_ PO#: 79417  
☐ Bill Ettech

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

**PBBLAB**

Permian Basin Environmental Lab, LP

1400 Hankin Hwy

Midland, Texas 79701

Phone: 432-686-7237

## CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

*Continental*

Project Name:

*Chloride 12 SC 502H Diesel SP-11*

Project #:

*13664* Project Loc: *Lee County NM*

Area:

PO#: *79417*Project Manager: Tim McMinCompany Name: Etech Environmental & Safety Solutions, Inc.Company Address: P.O. Box 62228City/State/Zip: Midland, Texas 79711Sampler Signature: *Tim McMin* email: Tim@etechenv.comworking@etechenv.com☐ Bill EtechReport Format: STANDARD ☐ TRRP ☐ NPDES ☐

Analyze for:

(lab use only)  
ORDER #: 2C15004

## Preservation &amp; # of Containers

## Matrix

TPH: 418.1

8015M

1005

1006

Cations (Ca, Mg, Na, K)

Anions (Cl, SO4, CO3, HCO3)

SAR / ESP / CEC

Metals: As Ag Ba Cd Cr Pb Hg Se

Volatiles

Semi volatiles

BTEX 8021B/5030 or BTEX 8260

RCI

N.O.R.M.

Chlorides

RUSH TAT (Pre-Schedule) 24, 48, 72 hrs

STANDARD TAT

LAB # (lab use only)

FIELD CODE

Start Depth

End Depth

Date Sampled

Time Sampled

No. of Containers

Ice

HNO<sub>3</sub>

HCl

H<sub>2</sub>SO<sub>4</sub>

NaOH

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

None

Other (Specify)

DW=Drinking Water SL=Sludge

GW = Groundwater S=Soil/Solid

NP=Non-PotableSpecify Other

TPH: 418.1

8015M

1005

1006

Cations (Ca, Mg, Na, K)

Anions (Cl, SO4, CO3, HCO3)

SAR / ESP / CEC

Metals: As Ag Ba Cd Cr Pb Hg Se

Volatiles

Semi volatiles

BTEX 8021B/5030 or BTEX 8260

RCI

N.O.R.M.

Chlorides

RUSH TAT (Pre-Schedule) 24, 48, 72 hrs

STANDARD TAT

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	No. of Containers	Ice	HNO <sub>3</sub>	HCl	H <sub>2</sub> SO <sub>4</sub>	NaOH	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	None	Other (Specify)	Matrix	TPH: 418.1	8015M	1005	1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semi volatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	STANDARD TAT
15	Comp-15	3'	3'	3/14/22	1157	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Comp-16	3'	3'		1200	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	Comp-17	3'	3'		1203	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	Comp-18	3'	3'		1206	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	Comp-19	3'	3'		1209	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	Comp-20	3'	3'		1212	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	Comp-21	3'	3'		1215	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	Comp-22	3'	3'		1218	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	Comp-23	3'	3'		1221	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24	Comp-24	3'	3'		1224	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25	Comp-25	3'	3'		1227	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	Comp-26	3'	3'		1230	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27	Comp-27	3'	3'		1233	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28	Comp-28	3'	3'		1236	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Special Instructions:

*13-11 to Continental Resource Development*

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Relinquished by:

Date

Time

Received by:

Date

Time

Laboratory Comments:

Sample Containers Intact?

VOCs Free of Headspace?

Custody seals on container(s)?

Custody seals on cooler(s)?

Sample Hand Delivered?

Sar by Sampler/Client Rep.?

Sar by Courier?

UPS

DHL

FedEx

Long Star

Temperature Upon Receipt:

*48**41*

PROJECT LAB

Permian Basin Environmental Lab, L.P.

1400 Rankin Hwy

Midland Texas 79701

Phone: 432-686-7235

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name: Charito 12 SC 5024 Diesel S

Project #: 13664

Project Loc: Lea County, NM

Area:

PO#: 79417

Project Manager: Tim McMillin

Company Name: Etech Environmental & Safety Solutions, Inc.

Company Address: P.O. Box 62228

City/State/Zip: Midland, Texas 79711

Sampler Signature: [Signature] email: Tim@etechenv.com

Analysis: Atchey @ etechenv.com

Report Format: STANDARD

IRAP:

NPDES:

Analyze For:

LAB # (lab use only)

ORDER #: 2C15004

FIELD CODE

LAB # (lab use only)

Start Depth

End Depth

Date Sampled

Time Sampled

No. of Containers

Ice

HNO<sub>3</sub>

HCl

H<sub>2</sub>SO<sub>4</sub>

NaOH

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

None

Other (Specify)

Matrix

TPH: 418.1 8015M 1005 1006

Cations (Ca, Mg, Na, K)

Anions (Cl, SO<sub>4</sub>, CO<sub>3</sub>, HCD<sub>3</sub>)

SAR / ESP / CEC

Metals: As Ag Ba Cd Cr Pb Hg Se

Volatiles

Semi volatiles

BTEX 8021B/5030 or BTEX 8260

RCI

N.O.R.M.

Chlorides

RUSH TAT(Pre-Schedule) 24, 48, 72 hrs

STANDARD TAT

Preservation & # of Containers

Matrix

TPH: 418.1 8015M 1005 1006

Cations (Ca, Mg, Na, K)

Anions (Cl, SO<sub>4</sub>, CO<sub>3</sub>, HCD<sub>3</sub>)

SAR / ESP / CEC

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STANDARD TAT

LAB # (lab use only)

ORDER #: 2C15004

FIELD CODE

LAB # (lab use only)

Start Depth

End Depth

Date Sampled

Time Sampled

No. of Containers

Ice

HNO<sub>3</sub>

HCl

H<sub>2</sub>SO<sub>4</sub>

NaOH

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

None

Other (Specify)

Matrix

TPH: 418.1 8015M 1005 1006

Cations (Ca, Mg, Na, K)

Anions (Cl, SO<sub>4</sub>, CO<sub>3</sub>, HCD<sub>3</sub>)

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STANDARD TAT

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ORDER #: 2C15004

FIELD CODE

LAB # (lab use only)

Start Depth

End Depth

Date Sampled

Time Sampled

No. of Containers

Ice

HNO<sub>3</sub>

HCl

H<sub>2</sub>SO<sub>4</sub>

NaOH

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

None

Other (Specify)

Matrix

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Cations (Ca, Mg, Na, K)

Anions (Cl, SO<sub>4</sub>, CO<sub>3</sub>, HCD<sub>3</sub>)

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Preservation & # of Containers

Matrix

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STANDARD TAT

LAB # (lab use only)

ORDER #: 2C15004

FIELD CODE

LAB # (lab use only)

Start Depth

End Depth

Date Sampled

Time Sampled

No. of Containers

Ice

HNO<sub>3</sub>

HCl

H<sub>2</sub>SO<sub>4</sub>

NaOH

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

None

Other (Specify)

Matrix

TPH: 418.1 8015M 1005 1006

Cations (Ca, Mg, Na, K)

Anions (Cl, SO<sub>4</sub>, CO<sub>3</sub>, HCD<sub>3</sub>)

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Metals: As Ag Ba Cd Cr Pb Hg Se

Volatiles

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STANDARD TAT

Preservation & # of Containers

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Anions (Cl, SO<sub>4</sub>, CO<sub>3</sub>, HCD<sub>3</sub>)

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Metals: As Ag Ba Cd Cr Pb Hg Se

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Chlorides

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STANDARD TAT

LAB # (lab use only)

ORDER #: 2C15004

FIELD CODE

LAB # (lab use only)

Start Depth

End Depth

Date Sampled

Time Sampled

No. of Containers

Ice

HNO<sub>3</sub>

HCl

H<sub>2</sub>SO<sub>4</sub>

NaOH

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

None

Other (Specify)

Matrix

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Cations (Ca, Mg, Na, K)

Anions (Cl, SO<sub>4</sub>, CO<sub>3</sub>, HCD<sub>3</sub>)

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STANDARD TAT

Preservation & # of Containers

Matrix

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Cations (Ca, Mg, Na, K)

Anions (Cl, SO<sub>4</sub>, CO<sub>3</sub>, HCD<sub>3</sub>)

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Chlorides

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STANDARD TAT

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ORDER #: 2C15004

FIELD CODE

LAB # (lab use only)

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End Depth

Date Sampled

Time Sampled

No. of Containers

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HNO<sub>3</sub>

HCl

H<sub>2</sub>SO<sub>4</sub>

NaOH

Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>

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Other (Specify)

Matrix

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Cations (Ca, Mg, Na, K)

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SAR / ESP / CEC

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Volatiles

Semi volatiles

BTEX 8021B/5030 or BTEX 8260

RCI

N.O.R.M.

Chlorides

RUSH TAT(Pre-Schedule) 24, 48, 72 hrs

STANDARD TAT

Preservation & # of Containers

Matrix

TPH: 418.1 8015M 1005 100



DOC #: PBEL\_SAMPLE\_CHECKLIST  
REVISION #: PBEL\_2021\_1  
REVISION Date: 10/30/2021  
EFFECTIVE DATE: 10/30/2021



DOC #: PBEL\_SAMPLE\_CHECKLIST  
REVISION #: PBEL\_2021\_1  
REVISION Date: 10/30/2021  
EFFECTIVE DATE: 10/30/2021

### Sample Receipt Checklist

Yes	Notes
<input checked="" type="checkbox"/>	Chain of custody present?
<input type="checkbox"/>	Chain of custody signed/dated/time when relinquished and received?
<input type="checkbox"/>	Chain of custody present on COC for all samples?
<input type="checkbox"/>	Samplers name present on COC?
<input type="checkbox"/>	Sample containers intact?
<input type="checkbox"/>	Samples in proper container/bottle?
<input type="checkbox"/>	All samples received within holding time?
<input type="checkbox"/>	Analysis requested for all samples submitted?
<input type="checkbox"/>	Custody seals intact on shipping container/cooler?

Login Notes: 2015004

PBEL\_SAMPLE\_CHECKLIST\_2021\_1

Page 1 of 2

### SAMPLE VARIANCE/NON-CONFORMANCE

Variance/Discrepancy:

Resolution:

Client Contacted

Name:

Date/Time:

NC Initiated by: Approved by:

PBEL\_SAMPLE\_CHECKLIST\_2021\_1

Page 2 of 2

**PERMIAN BASIN  
ENVIRONMENTAL LAB, LP  
1400 Rankin Hwy  
Midland, TX 79701**



# Analytical Report

**Prepared for:**

Tim McMinn  
E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa, TX 79765

Project: Chorizo 12 SC 502H Diesel Spill

Project Number: 13664

Location: Lea County, NM

Lab Order Number: 2C17013



**Current Certification**

Report Date: 03/18/22



E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo 12 SC 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Comp - 10A	2C17013-01	Soil	03/17/22 11:00	03-17-2022 16:20
Comp - 23A	2C17013-02	Soil	03/17/22 11:10	03-17-2022 16:20
Comp - 33A	2C17013-03	Soil	03/17/22 11:20	03-17-2022 16:20

E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo 12 SC 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**Comp - 10A**  
**2C17013-01 (Soil)**

Analyte	Reporting Result Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	---------------------------	-------	----------	-------	----------	----------	--------	-------

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

<b>% Moisture</b>	<b>7.0</b>	0.1	%	1	P2C1807	03/18/22 12:34	03/18/22 12:36	ASTM D2216
<b>Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M</b>								
C6-C12	ND	26.9	mg/kg dry	1	P2C1802	03/18/22 08:20	03/18/22 12:01	TPH 8015M
<b>&gt;C12-C28</b>	<b>29.1</b>	26.9	mg/kg dry	1	P2C1802	03/18/22 08:20	03/18/22 12:01	TPH 8015M
>C28-C35	ND	26.9	mg/kg dry	1	P2C1802	03/18/22 08:20	03/18/22 12:01	TPH 8015M
Surrogate: 1-Chlorooctane	85.5 %	70-130			P2C1802	03/18/22 08:20	03/18/22 12:01	TPH 8015M
Surrogate: o-Terphenyl	91.7 %	70-130			P2C1802	03/18/22 08:20	03/18/22 12:01	TPH 8015M
<b>Total Petroleum Hydrocarbon C6-C35</b>	<b>29.1</b>	26.9	mg/kg dry	1	[CALC]	03/18/22 08:20	03/18/22 12:01	calc

Permian Basin Environmental Lab, L.P.

*The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.*

1400 Rankin HWY Midland, TX 79701 432-686-7235



E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo 12 SC 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**Comp - 23A**  
**2C17013-02 (Soil)**

Analyte	Reporting Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	---------------------	-------	-------	----------	-------	----------	----------	--------	-------

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

% Moisture	6.0	0.1	%	1	P2C1807	03/18/22 12:34	03/18/22 12:36	ASTM D2216
------------	-----	-----	---	---	---------	----------------	----------------	------------

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	26.6	mg/kg dry	1	P2C1802	03/18/22 08:20	03/18/22 12:24	TPH 8015M
>C12-C28	ND	26.6	mg/kg dry	1	P2C1802	03/18/22 08:20	03/18/22 12:24	TPH 8015M
>C28-C35	ND	26.6	mg/kg dry	1	P2C1802	03/18/22 08:20	03/18/22 12:24	TPH 8015M
Surrogate: 1-Chlorooctane	70.2 %	70-130			P2C1802	03/18/22 08:20	03/18/22 12:24	TPH 8015M
Surrogate: o-Terphenyl	72.7 %	70-130			P2C1802	03/18/22 08:20	03/18/22 12:24	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/18/22 08:20	03/18/22 12:24	calc

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo 12 SC 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**Comp - 33A**  
**2C17013-03 (Soil)**

Analyte	Reporting Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
---------	---------------------	-------	-------	----------	-------	----------	----------	--------	-------

**Permian Basin Environmental Lab, L.P.**

**General Chemistry Parameters by EPA / Standard Methods**

<b>% Moisture</b>	<b>9.0</b>	0.1	%	1	P2C1807	03/18/22 12:34	03/18/22 12:36	ASTM D2216
-------------------	------------	-----	---	---	---------	----------------	----------------	------------

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

C6-C12	ND	27.5	mg/kg dry	1	P2C1802	03/18/22 08:20	03/18/22 12:46	TPH 8015M
>C12-C28	ND	27.5	mg/kg dry	1	P2C1802	03/18/22 08:20	03/18/22 12:46	TPH 8015M
>C28-C35	ND	27.5	mg/kg dry	1	P2C1802	03/18/22 08:20	03/18/22 12:46	TPH 8015M
Surrogate: 1-Chlorooctane	76.8 %	70-130			P2C1802	03/18/22 08:20	03/18/22 12:46	TPH 8015M
Surrogate: o-Terphenyl	81.1 %	70-130			P2C1802	03/18/22 08:20	03/18/22 12:46	TPH 8015M
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	03/18/22 08:20	03/18/22 12:46	calc

Permian Basin Environmental Lab, L.P.

*The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.*

1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo 12 SC 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch P2C1807 - \*\*\* DEFAULT PREP \*\*\***

**Blank (P2C1807-BLK1)**

Prepared & Analyzed: 03/18/22

% Moisture	ND	0.1	%
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**Duplicate (P2C1807-DUP1)**

**Source: 2C17012-03**

Prepared & Analyzed: 03/18/22

% Moisture	6.0	0.1	%	5.0	18.2	20
------------	-----	-----	---	-----	------	----

**Duplicate (P2C1807-DUP2)**

**Source: 2C17013-03**

Prepared & Analyzed: 03/18/22

% Moisture	9.0	0.1	%	9.0	0.00	20
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Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo 12 SC 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

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

**Batch P2C1802 - \*\*\* DEFAULT PREP \*\*\***

**Blank (P2C1802-BLK1)**

Prepared & Analyzed: 03/18/22

C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	87.3		"	100		87.3	70-130			
Surrogate: o-Terphenyl	46.8		"	50.0		93.5	70-130			

**LCS (P2C1802-BS1)**

Prepared & Analyzed: 03/18/22

C6-C12	1200	25.0	mg/kg wet	1000		120	75-125			
>C12-C28	1190	25.0	"	1000		119	75-125			
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	58.3		"	50.0		117	70-130			

**LCS Dup (P2C1802-BSD1)**

Prepared & Analyzed: 03/18/22

C6-C12	1220	25.0	mg/kg wet	1000		122	75-125	2.10	20	
>C12-C28	1170	25.0	"	1000		117	75-125	0.977	20	
Surrogate: 1-Chlorooctane	96.8		"	100		96.8	70-130			
Surrogate: o-Terphenyl	55.9		"	50.0		112	70-130			

**Calibration Check (P2C1802-CCV1)**

Prepared & Analyzed: 03/18/22

C6-C12	539	25.0	mg/kg wet	500		108	85-115			
>C12-C28	555	25.0	"	500		111	85-115			
Surrogate: 1-Chlorooctane	125		"	100		125	70-130			
Surrogate: o-Terphenyl	56.0		"	50.0		112	70-130			

**Calibration Check (P2C1802-CCV2)**

Prepared & Analyzed: 03/18/22

C6-C12	523	25.0	mg/kg wet	500		105	85-115			
>C12-C28	565	25.0	"	500		113	85-115			
Surrogate: 1-Chlorooctane	124		"	100		124	70-130			
Surrogate: o-Terphenyl	53.0		"	50.0		106	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
 13000 West County Road 100  
 Odessa TX, 79765

Project: Chorizo 12 SC 502H Diesel Spill  
 Project Number: 13664  
 Project Manager: Tim McMinn

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

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

**Batch P2C1802 - \*\*\* DEFAULT PREP \*\*\***

<b>Matrix Spike (P2C1802-MS1)</b>		<b>Source: 2C17012-04</b>		Prepared & Analyzed: 03/18/22						
C6-C12	1230	26.3	mg/kg dry	1050	22.6	115	75-125			
>C12-C28	1170	26.3	"	1050	50.9	107	75-125			
Surrogate: 1-Chlorooctane	125		"	105		118	70-130			
Surrogate: o-Terphenyl	48.5		"	52.6		92.1	70-130			
<b>Matrix Spike Dup (P2C1802-MSD1)</b>		<b>Source: 2C17012-04</b>		Prepared & Analyzed: 03/18/22						
C6-C12	1220	26.3	mg/kg dry	1050	22.6	114	75-125	1.17	20	
>C12-C28	1160	26.3	"	1050	50.9	105	75-125	1.59	20	
Surrogate: 1-Chlorooctane	132		"	105		125	70-130			
Surrogate: o-Terphenyl	49.1		"	52.6		93.2	70-130			

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

E Tech Environmental & Safety Solutions, Inc. [1]  
13000 West County Road 100  
Odessa TX, 79765

Project: Chorizo 12 SC 502H Diesel Spill  
Project Number: 13664  
Project Manager: Tim McMinn

### Notes and Definitions

ROI	Received on Ice
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: 

Date: 3/18/2022

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235



**Phone: 432-6866-7235**

Page 10 of 11

ZZZ

Page 0





DOC #: PBEL\_SAMPLE\_CHECKLIST  
REVISION #: PBEL\_2021\_1  
REVISION Date: 10/30/2021  
EFFECTIVE DATE: 10/30/2021

Sample Receipt Checklist

Yes	Notes
<input checked="" type="checkbox"/>	Chain of custody present?
<input type="checkbox"/>	Chain of custody signed/dated/time when relinquished and received?
<input type="checkbox"/>	Sample date/time present on COC for all samples?
<input type="checkbox"/>	Samplers name present on COC?
<input type="checkbox"/>	Chain of Custody agrees with sample labels?
<input type="checkbox"/>	Sample containers intact?
<input type="checkbox"/>	Custody seals intact on sample bottles?
<input type="checkbox"/>	Samples in proper container/bottle?
<input type="checkbox"/>	Sufficient sample volume for indicated test?
<input type="checkbox"/>	All samples received within holding time?
<input type="checkbox"/>	Samples received within appropriate temp?
<input type="checkbox"/>	Analysis requested for all samples submitted?
<input type="checkbox"/>	Shipping container/cooler in good condition?
<input type="checkbox"/>	Custody seals intact on shipping container/cooler?

Login Notes: 402 2017013



DOC #: PBEL\_SAMPLE\_CHECKLIST  
REVISION #: PBEL\_2021\_1  
REVISION Date: 10/30/2021  
EFFECTIVE DATE: 10/30/2021

SAMPLE VARIANCE/NON-CONFORMANCE

Variance/Discrepancy:

Resolution:

Client Contacted  
Name:  
Date/Time:  
NC Initiated by: Approved by:

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	nAPP2100832430
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party: Centennial Resource Production, Inc	OGRID: 372165
Contact Name: Jamon Hohensee	Contact Telephone: 432-241-4283
Contact email: jamon.hohensee@cdevinc.com	Incident # nAPP2100832430
Contact mailing address: 500 W. Illinois Ave, Suite 500, Midland Texas 79705	

### Location of Release Source

Latitude 32.43595 Longitude -103.42912  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Chorizo 12 State Com 502	Site Type: Drill Rig
Date Release Discovered: 1/8/21	API# (if applicable)

Unit Letter	Section	Township	Range	County
E	36	21S	34E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: San Simon Ranch)

### Nature and Volume of Release

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

<input type="checkbox"/> Crude Oil	Volume Released (bbls) 75	Volume Recovered (bbls) 60
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input checked="" type="checkbox"/> Other (describe) Diesel	Volume/Weight Released (provide units) 20bbls	Volume/Weight Recovered (provide units) 20bbls

#### Cause of Release:

During drilling operations, a fire was reported on the location at the diesel fuel tank. The transfer pump malfunctioned and caused the fire. The Eunice FD arrived onsite and extinguished the fire. Damage was localized to the diesel tank and transfer pump. Diesel was released to the pad in the vicinity of the tank. The site was secured, and no injuries were reported. The site will be remediated to OCD standards.

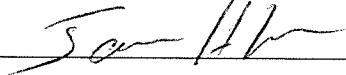
State of New Mexico  
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Fire was reported.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, email was sent to Jim Griswold and OCD dist 1 spills email.	

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> 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: Jamon Hohensee	Title: Sr. Environmental Analyst
Signature: 	Date: 1-26-21
email: jamon.hohensee@cdevinc.com	Telephone: 432-241-4283
<b><u>OCD Only</u></b>	
Received by: _____	Date: _____

Incident ID	nAPP2100832430
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?	<50 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

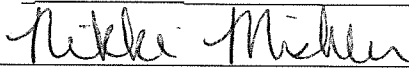
- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile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

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

State of New Mexico  
Oil Conservation Division

Incident ID	nAPP2100832430
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: Nikki Mishler Title: Sr. Environmental Representative  
Signature:  Date: 4/4/22  
email: Nikki.Mishler@cdevinc.com Telephone: 432-315-0134

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_



Incident ID	nAPP2100832430
District RP	
Facility ID	
Application ID	

## Remediation Plan

**Remediation Plan Checklist:** *Each of the following items must be included in the plan.*


- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Nikki Mishler Title: Sr. Environmental Representative

Signature:  Date: 4/4/22

email: Nikki.Mishler@cdevinc.com Telephone: 432-315-0134

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

- ☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

State of New Mexico  
Oil Conservation Division

Incident ID	nAPP2100832430
District RP	
Facility ID	
Application ID	

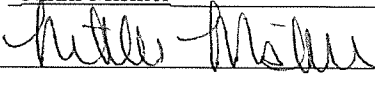
## Closure

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: Nikki Mishler Title: Sr. Environmental Representative  
Signature:  Date: 4/4/22  
email: Nikki.Mishler@cdevinc.com Telephone: 432-315-0134

**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: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

**Wesley Desilets**

---

**From:** Nikki Mishler <Nikki.Mishler@cdevinc.com>  
**Sent:** Thursday, March 24, 2022 12:07 PM  
**To:** Wesley Desilets  
**Subject:** FW: -EXTERNAL- RE: [EXTERNAL] nAPP2100832430 - Chorizo 12 State COM 502H Extension Request

---

**From:** Hensley, Chad, EMNRD <Chad.Hensley@state.nm.us>  
**Sent:** Monday, February 14, 2022 8:14 AM  
**To:** Nikki Green <Nikki.Green@cdevinc.com>  
**Subject:** RE: -EXTERNAL- RE: [EXTERNAL] nAPP2100832430 - Chorizo 12 State COM 502H Extension Request

**WARNING:** The sender of this email could not be validated and may not match the person in the "From" field.

Extension granted. Please include this e-mail correspondence in the closure report.

---

**From:** Nikki Green <[Nikki.Green@cdevinc.com](mailto:Nikki.Green@cdevinc.com)>  
**Sent:** Monday, February 14, 2022 6:36 AM  
**To:** Hensley, Chad, EMNRD <[Chad.Hensley@state.nm.us](mailto:Chad.Hensley@state.nm.us)>  
**Subject:** RE: -EXTERNAL- RE: [EXTERNAL] nAPP2100832430 - Chorizo 12 State COM 502H Extension Request

Good Morning Mr. Hensley,

I was just informed that the day I submitted the extension for the Chorizo 12 State Com 502H, a drilling rig had set up at the location to complete drilling activities for the installation of 3 oil wells and will not be offsite until the last week of February. Due to safety concerns and the immediate proximity of the release area to drilling equipment and cranes, I would like to request the extension be extended to April 4<sup>th</sup>, 2022.

Thank you for all your help,

Nikki Green

*Sr. Environmental Representative*

Office: 432-315-0134

Cell: 432-634-8722



---

**From:** Hensley, Chad, EMNRD <[Chad.Hensley@state.nm.us](mailto:Chad.Hensley@state.nm.us)>  
**Sent:** Thursday, February 3, 2022 10:57 AM  
**To:** Nikki Green <[Nikki.Green@cdevinc.com](mailto:Nikki.Green@cdevinc.com)>  
**Subject:** -EXTERNAL- RE: [EXTERNAL] nAPP2100832430 - Chorizo 12 State COM 502H Extension Request

Extension granted to 3/03/2022



---

**From:** Nikki Green <[Nikki.Green@cdevinc.com](mailto:Nikki.Green@cdevinc.com)>  
**Sent:** Thursday, February 3, 2022 9:45 AM  
**To:** Hensley, Chad, EMNRD <[Chad.Hensley@state.nm.us](mailto:Chad.Hensley@state.nm.us)>  
**Subject:** [EXTERNAL] nAPP2100832430 - Chorizo 12 State COM 502H Extension Request

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good Morning Mr. Hensley,

I would like to request an extension to complete remediation activities and submit final closure documentation to the NMOCD for Incident ID nAPP2100832430.

Thank you,

Nikki Green, P.G.

*Sr. Environmental Representative*  
Centennial Resource Development, Inc  
500 W. Illinois, Suite 500  
Midland, TX 79701  
Office: 432-315-0134  
Cell: 432-634-8722



CAUTION: This email originated from outside of the organization. If it appears to be internal, check directly with assumed source

---

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From: [nikki.mishler@cdevinc.com](mailto:nikki.mishler@cdevinc.com)

*You received this message because the sender is on your allow list.*

**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 95847

**CONDITIONS**

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 95847
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	4/20/2022