State of New Mexico
Oil Conservation Division

Incident ID	nRM2033543713
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: Senior Environmental Representative

Signature: Nikki Mishler Date: 4/5/2022

email: Nikki.Mishler@cdevinc.com Telephone: 432-634-8722

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: Jennifer Nobui Date: 04/20/2022

Printed Name: Jennifer Nobui Title: Environmental Specialist A

Environmental & Safety Solutions, Inc.

CLOSURE REQUEST AND REMEDIATION SUMMARY REPORT

Centennial Resource Development, Inc.
Romeo Fed COM 1H (ROW)
Lea County, New Mexico
Unit Letter "D", Section 22, Township 24 South, Range 34 East
Latitude 32.20880° North, Longitude 103.46360° West
NMOCD Incident: nRM2033543713

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

Wesley A. Desilets
Project Manager

Timothy McMinn
Senior Project Manager

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

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 Romeo Fed COM 1H ROW. The legal description of the Release Site is Unit Letter "D", Section 22, Township 24 South, Range 34 East, in Lea County, New Mexico. The subject property is administered by the New Mexico U.S. Department of the Interior Bureau of Land Management (BLM). The Release Site GPS coordinates are 32.20880° North and 103.46360° West. Please reference Figure 1 for the Site Location Map and Figure 2 for the Confirmation Soil Sample Location Map.

On November 15, 2020, a produced water release occurred along the Romeo Fed COM 1H Right of way (ROW). A pinhole developed on the pipeline riser, resulting in the release. On November 16, 2020, Centennial reported the release to the NMOCD District 1 Office located in Hobbs, New Mexico and the release was assigned the incident number nRM2033543713. A Release Notification and Corrective Action Form (Form C-141) was subsequently submitted to the NMOCD on November 17, 2021. The release was reported as approximately one hundred (100) barrels of produced water released with approximately five (5) barrels of produced water recovered, resulting in a net loss of approximately ninety-five (95) barrels. A copy of the NMOCD Release Notification and Corrective Action 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 the United States Geological Survey (USGS) did not identify any registered water wells within a quarter (1/4) mile of the Release Site. A search of the groundwater database maintained by the New Mexico Office of the State Engineer (NMOSE) identified the closest registered water well NMOSE Well #: C 03943 POD1 located approximately two tenths (0.2) of a mile southwest of the Release Site. The average depth to groundwater for NMOSE Well #: C 03943 POD1 should be encountered at approximately four hundred thirty-one (431) 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 Romeo Fed COM 1H ROW 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

From June 7 through June 10, 2021, and July 6, through July 15, 2021, Etech utilized a backhoe, mini-excavator, and a hydro-vac to conduct excavation activities of the impacted soil in the ROW. Excavated soil was stockpiled on an adjacent well pad. On July 13 and July 14, 2021, Etech collected seventeen (17) composite confirmation soil samples from the base of the excavated area. In addition, ten (10) composite confirmation soil samples were collected from the sidewalls of the excavated area. Nine (9) composite soil samples were collected from the minimally impacted area adjacent to the excavated area that was scraped utilizing a backhoe to remove the first two inches of soil. Soil sample depths were determined based on visual and olfactory observations and field delineation results. Soil samples were submitted to Permian Basin Environmental Lab, LP. (PBELAB) in Midland, Texas for determination of concentrations of BTEX using Method SW 846-8021B, TPH using Method SW 846-8015M and chloride concentrations using Method E-300.0. Analytical results indicated all composite confirmation soil samples were below all applicable NMOCD remediation levels with the exception of BH-1 @ 1.5' which exhibited TPH concentrations above NMOCD regulatory limits of 100mg/Kg.

On August 10, 2021, following further excavation activities one (1) composite soil sample (BH-1 @ 30") was collected from the base of the further excavated area and submitted to PBELAB for TPH analysis using Method SW 846-8015M. In addition, On August 11, and August 22, 2021, two composite soil samples were collected from the stockpiled soil to determine BTEX, TPH, and chloride concentration levels. Samples were submitted to PBELAB for determination of concentrations of BTEX using Method SW 846-8021B, TPH using Method SW 846-8015M and chloride concentrations using Method E-300.0. Analytical results indicated the composite soil sample BH-1 @ 30" was below NMOCD regulatory limits for TPH concentrations (Table 1). Analytical results indicated the composite soil samples collected from the stockpiled soil were below NMOCD regulatory limits for benzene, total BTEX, and TPH concentrations but above NMOCD regulatory limits for chloride concentrations. Based on the analytical results and discussions with NMOCD representatives, it was determined that the chloride impacted soil would require disposal.

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

SOIL DISPOSAL AND BACKFILL ACTIVIES

On March 7 & 8, 2022, Etech transported approximately eighteen hundred (1,800) cubic yards of impacted soil to the OWL disposal facility in Lea County, NM.

On March 9, 2022, the excavated areas were backfilled with non-impacted like soil from a local source and the site was contoured to fit the surrounding area.

RESEEDING ACTIVITIES

In April 2022, the backfilled area will be seeded to aid in revegetation. The USDA Soil Map describes the soil at the Release Site as the Pyote and Maljamar fine sand. Based on this description, the BLM Seed Mixture # 2 will be used to revegetate the Release Site and will be planted in the amount specified in the pounds pure live seed (PLS) per acre. The seed mixture will be applied utilizing a tractor and seed drill. Site inspections will be performed to assess the revegetation progress and evaluate the site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the BLM will be contacted to determine an effective method for eradication. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate.

SITE CLOSURE REQUEST

Based on the analytical results, Etech, on the behalf of Centennial, requests NMOCD and BLM grant Site Closure Status to the Romeo Fed COM 1H ROW Release Site NMOCD Incident: nRM2033543713.

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.

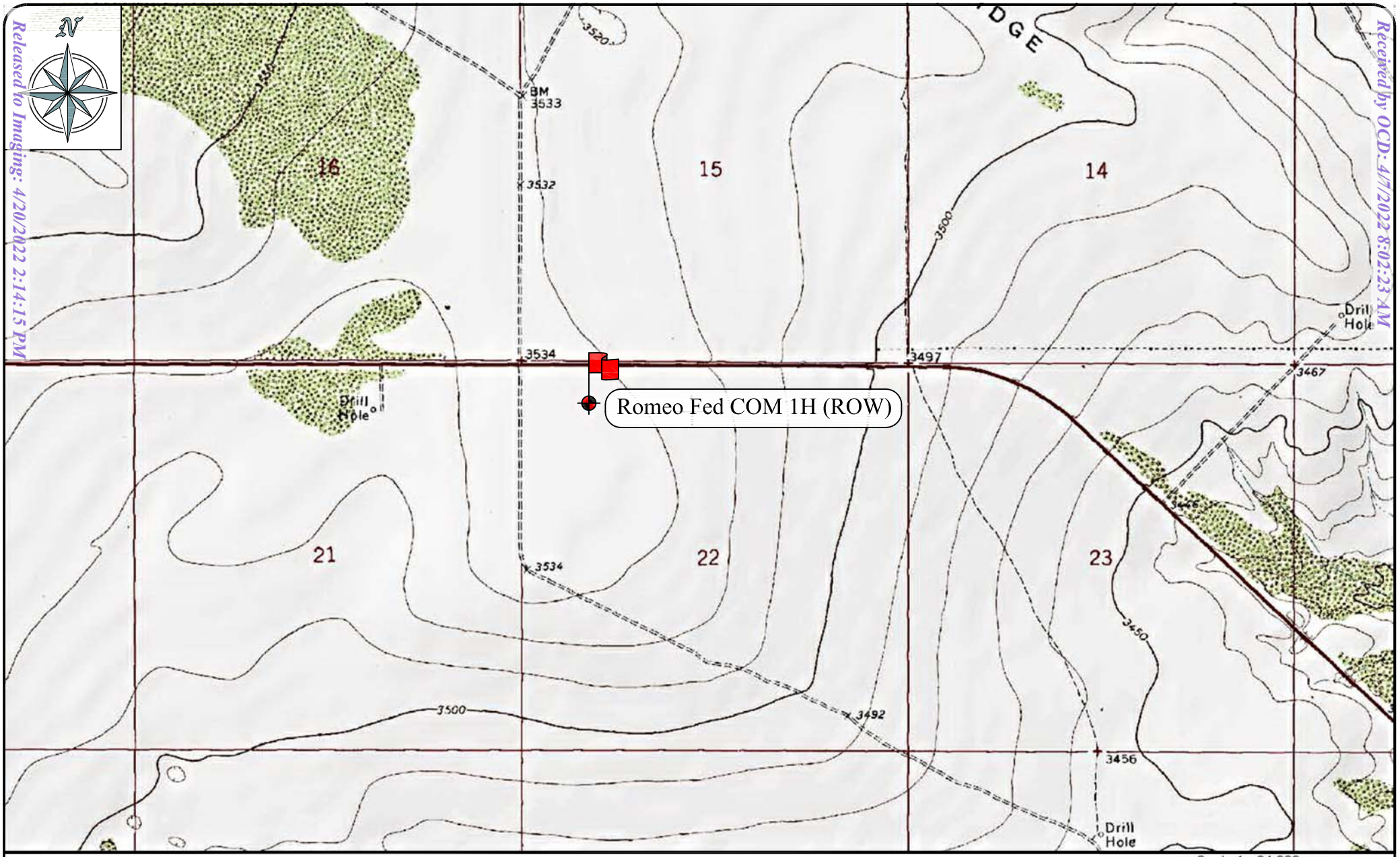
DISTRIBUTION

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: U.S. Department of the Interior
Bureau of Land Management
620 E. Greene Street
Carlsbad, NM 88220

Copy 3: Nikki Mishler
Centennial Resource Development, Inc.
500 W. Illinois Avenue Suite 500
Midland, TX 79701

Copy 4: Etech Environmental & Safety Solutions, Inc.
P.O. Box 62228
Midland, TX 79711



Site - Romeo Fed COM 1H (ROW)
Site Location Map
Centennial Resource Development, Inc.
Lea County, NM
N 32.208680°, W 103.463360°
March 2022

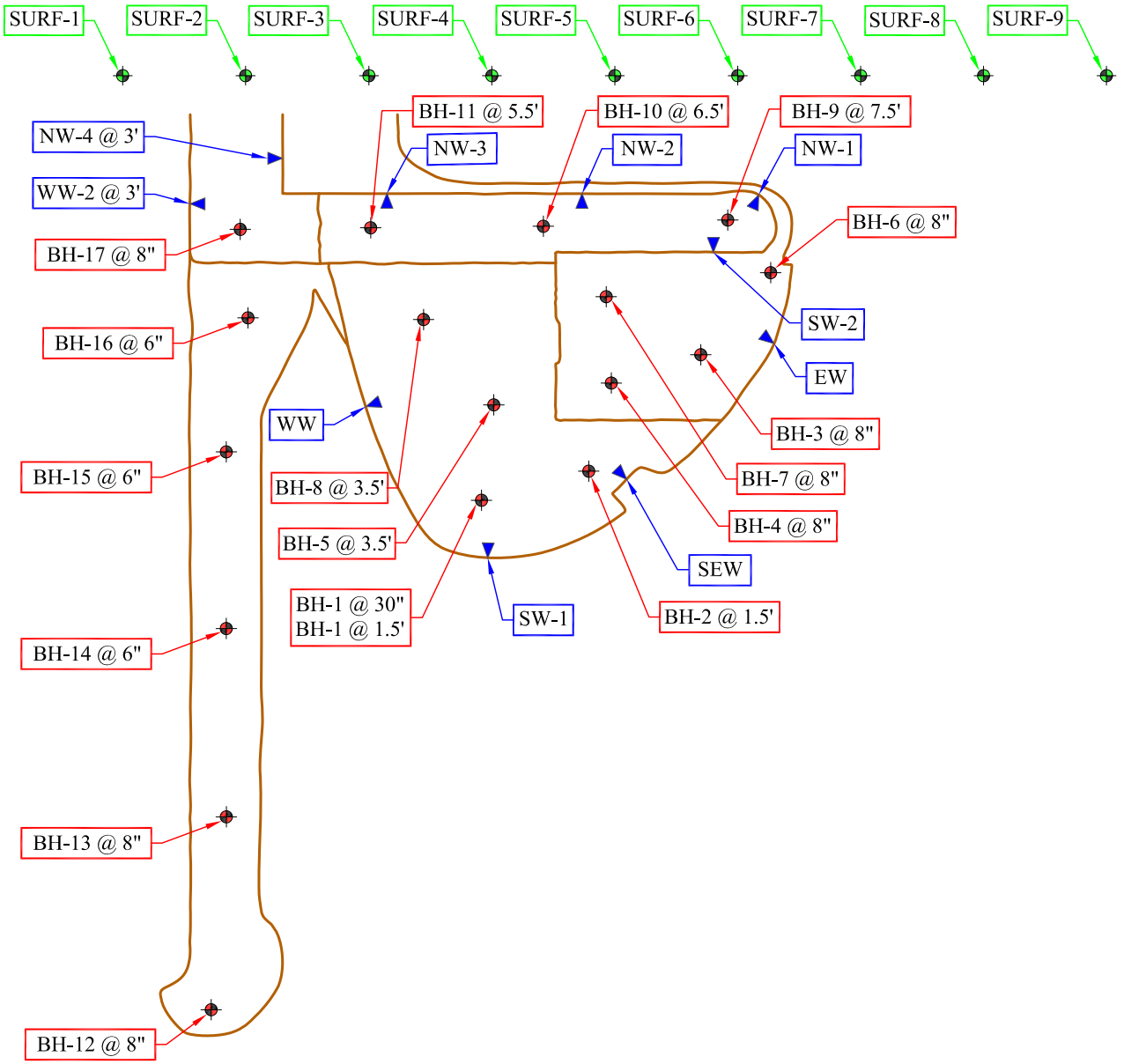
Legend

= Site Location

eTECH Environmental & Safety Solutions, Inc.

CDEV ID No.: 50501

Figure 1



Note:
* **All sample points are approximate**
* **All samples are five point composites**

Site - Romeo Fed COM 1H (ROW)
Confirmation Soil Sample Location Map
Centennial Resource Development, Inc.
Lea County, NM
N 32.208680°, W 103.463360°
March 2022

Legend
= Bottom Hole Sample Point
= Surface Sample Point
= Side Wall Sample Point
Excavation Perimeter

0 30 60
Scale: 1:30 ft

eTECH Environmental & Safety Solutions, Inc.

CDEV ID No.: 50501

Figure 2

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

CENTENNIAL RESOURCE DEVELOPMENT, INC.

ROMEO FED COM 1H ROW RELEASE SITE

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_6-C_{12}	TPH DRO C_{12}-C_{28}	TPH ORO C_{28}-C_{35}	TOTAL TPH C_6-C_{35}	CHLORIDE
Limits		10 mg/Kg						50 mg/Kg				100 mg/Kg	600 mg/Kg
Bottom Hole Sample Results													
BH-1 @ 1.5'	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	90.2	35.2	**125.4**	8.10
BH-1 @ 30"	8/10/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
BH-2 @ 1.5'	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	35.6	27.0	62.6	2.95
BH-3 @ 8"	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.73
BH-4 @ 8"	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.32
BH-5 @ 3.5'	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.85
BH-6 @ 8"	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	27.4	27.9	55.3	5.76
BH-7 @ 8"	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	275
BH-8 @ 3.5'	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.85
BH-9 @ 7.5'	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.4
BH-10 @ 6.5'	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	164
BH-11 @ 5.5'	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.85
BH-12 @ 8"	7/14/2021	ND	ND	ND	ND	ND	ND	ND	ND	33.0	ND	33.0	13.9
BH-13 @ 8"	7/14/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.36
BH-14 @ 6"	7/14/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.53
BH-15 @ 6"	7/14/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.8
BH-16 @ 6"	7/14/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.78
BH-17 @ 8"	7/14/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	105
Side Wall Sample Results													
NW-1	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	124
NW-2	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	125
NW-3	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	104
NW-4 @ 3'	7/14/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	227
SW-1	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.2
SW-2	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	48.3
SEW	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	21.1
EW	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	23.8
WW	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	39.3
WW-2 @ 3'	7/14/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	98.3

TABLE 1

CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL

CENTENNIAL RESOURCE DEVELOPMENT, INC.

ROMEO FED COM 1H ROW RELEASE SITE

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_6-C_{12}	TPH DRO C_{12}-C_{28}	TPH ORO C_{28}-C_{35}	TOTAL TPH C_6-C_{35}	CHLORIDE
Limits		**10 mg/Kg**						**50 mg/Kg**				**100 mg/Kg**	**600 mg/Kg**
Surface Sample Results													
SURF-1	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	12.5
SURF-2	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.45
SURF-3	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.3
SURF-4	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	202
SURF-5	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	92.5
SURF-6	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	55.6
SURF-7	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	53.5
SURF-8	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	55.9
SURF-9	7/13/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	74.5
Stockpile Sample Results													
Stockpile East	8/11/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1,450**
Stockpile West	8/22/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**968**

Bold and Yellow Highlighted indicates Analyte Above NMOCD Regulatory Limit

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

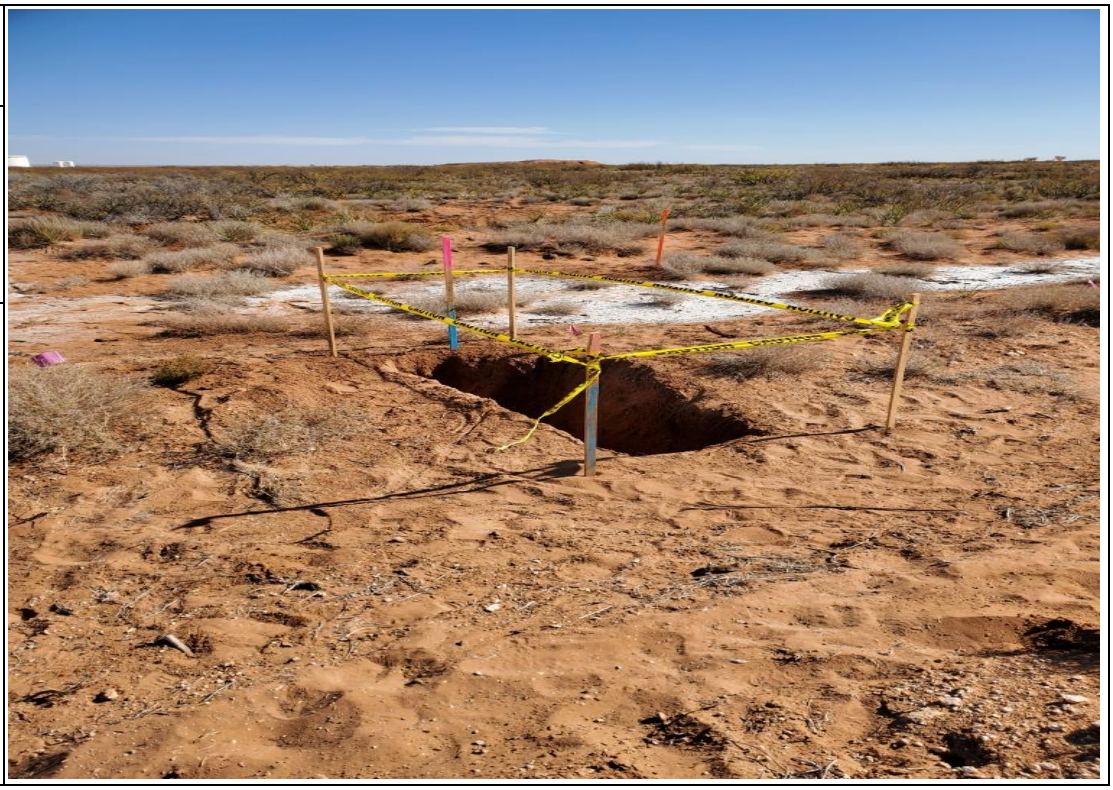
Project Name: *Romeo Fed COM 1H ROW* ***Photographic Documentation***
Project No: *13445*

Photo No: **1.**	
Direction Taken: East	
Description: View of the release area.	

Photo No: **2.**	
Direction Taken: North	
Description: View of the release area.	

Project Name: *Romeo Fed COM 1H ROW* ***Photographic Documentation***
Project No: *13445*

Photo No: **3.**	
Direction Taken: South	
Description: View of the release area.	

Photo No: **4.**	
Direction Taken: Southeast	
Description: View of the release area.	

Project Name: *Romeo Fed COM 1H ROW* ***Photographic Documentation***
Project No: *13445*

Photo No: **5.**	
Direction Taken: West	
Description: View of the excavated area.	

Photo No: **6.**	
Direction Taken: North	
Description: View of the excavated area.	

Project Name: *Romeo Fed COM 1H ROW* ***Photographic Documentation***
Project No: *13445*

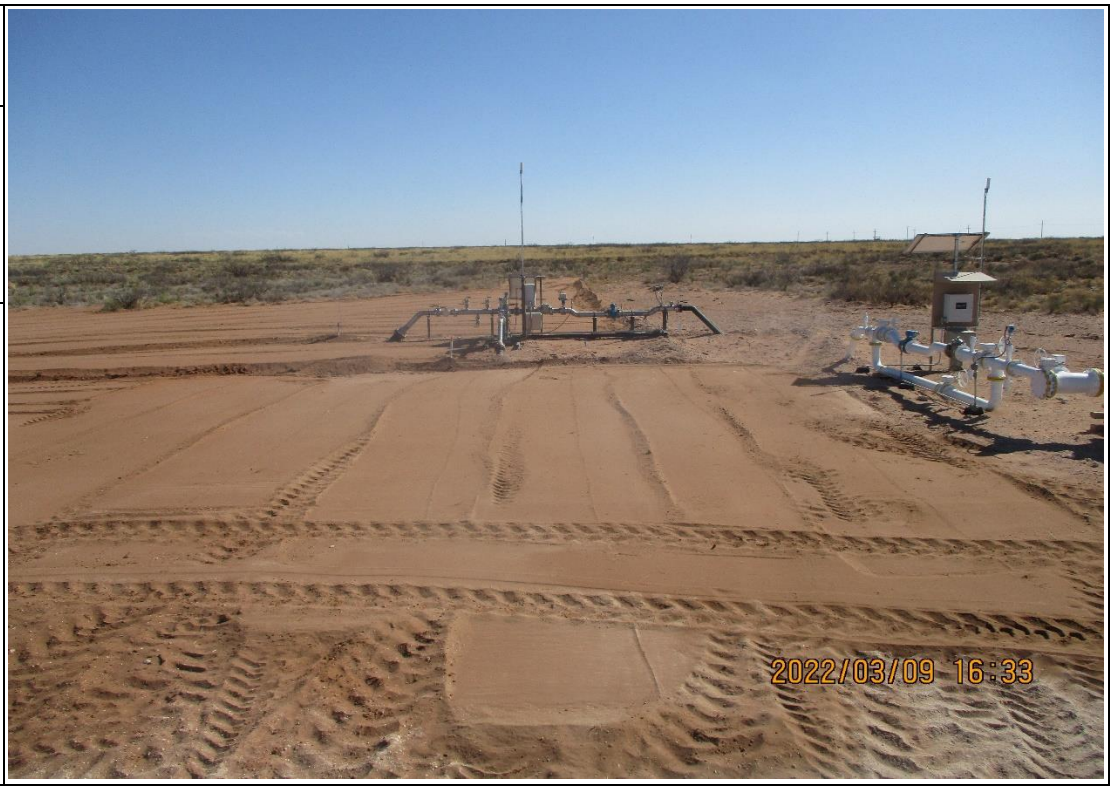
Photo No: **7.**	
Direction Taken: Southwest	
Description: View of the excavated area.	

Photo No: **8.**	
Direction Taken: Southeast	
Description: View of the excavated area.	

Project Name: *Romeo Fed COM 1H ROW*
Project No: *13445*

Photographic Documentation

Photo No: **9.**	
Direction Taken: Aerial View	
Description: View of the excavated area.	

Photo No: **10.**	
Direction Taken: South	
Description: View of the backfilled area.	

Project Name: *Romeo Fed COM 1H ROW* ***Photographic Documentation***
Project No: *13445*

Photo No: **11.**	
Direction Taken: Southeast	
Description: View of the backfilled area.	

Photo No: **12.**	
Direction Taken: East	
Description: View of the backfilled area.	

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

PBELAB

Analytical Report

Prepared for:

Tim McMinn

E Tech Environmental & Safety Solutions, Inc. [1]

13000 West County Road 100

Odessa, TX 79765

Project: Romeo Fed Com 1H ROW

Project Number: 13445

Location: Lea County, NM

Lab Order Number: 1G16004

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 07/28/21

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-1 @ 1.5'	1G16004-01	Soil	07/13/21 07:15	07-16-2021 11:59
BH-2 @ 1.5'	1G16004-02	Soil	07/13/21 07:25	07-16-2021 11:59
BH-3 @ 8"	1G16004-03	Soil	07/13/21 07:30	07-16-2021 11:59
BH-4 @ 8"	1G16004-04	Soil	07/13/21 07:45	07-16-2021 11:59
BH-5 @ 3.5'	1G16004-05	Soil	07/13/21 08:00	07-16-2021 11:59
BH-6 @ 8"	1G16004-06	Soil	07/13/21 08:15	07-16-2021 11:59
BH-7 @ 8"	1G16004-07	Soil	07/13/21 09:13	07-16-2021 11:59
BH-8 @ 3.5'	1G16004-08	Soil	07/13/21 09:00	07-16-2021 11:59
BH-9 @ 7.5'	1G16004-09	Soil	07/13/21 14:00	07-16-2021 11:59
BH-10 @ 6.5'	1G16004-10	Soil	07/13/21 08:25	07-16-2021 11:59
BH-11 @ 5.5'	1G16004-11	Soil	07/13/21 08:30	07-16-2021 11:59
NW-1	1G16004-12	Soil	07/13/21 12:00	07-16-2021 11:59
NW-2	1G16004-13	Soil	07/13/21 13:00	07-16-2021 11:59
NW-3	1G16004-14	Soil	07/13/21 11:15	07-16-2021 11:59
SW-1	1G16004-15	Soil	07/13/21 07:00	07-16-2021 11:59
SW-2	1G16004-16	Soil	07/13/21 11:50	07-16-2021 11:59
SEW	1G16004-17	Soil	07/13/21 11:27	07-16-2021 11:59
EW	1G16004-18	Soil	07/13/21 11:28	07-16-2021 11:59
WW	1G16004-19	Soil	07/13/21 11:00	07-16-2021 11:59
SURF-1	1G16004-20	Soil	07/13/21 07:50	07-16-2021 11:59
SURF-2	1G16004-21	Soil	07/13/21 08:30	07-16-2021 11:59
SURF-3	1G16004-22	Soil	07/13/21 08:15	07-16-2021 11:59
SURF-4	1G16004-23	Soil	07/13/21 08:35	07-16-2021 11:59
SURF-5	1G16004-24	Soil	07/13/21 09:22	07-16-2021 11:59
SURF-6	1G16004-25	Soil	07/13/21 10:05	07-16-2021 11:59
SURF-7	1G16004-26	Soil	07/13/21 10:00	07-16-2021 11:59
SURF-8	1G16004-27	Soil	07/13/21 09:45	07-16-2021 11:59
SURF-9	1G16004-28	Soil	07/13/21 09:52	07-16-2021 11:59

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-1 @ 1.5'

1G16004-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1G1610	07/16/21 14:28	07/17/21 10:46	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1G1610	07/16/21 14:28	07/17/21 10:46	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1G1610	07/16/21 14:28	07/17/21 10:46	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1G1610	07/16/21 14:28	07/17/21 10:46	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1G1610	07/16/21 14:28	07/17/21 10:46	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.9 %*	*80-120*		*P1G1610*	*07/16/21 14:28*	*07/17/21 10:46*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*109 %*	*80-120*		*P1G1610*	*07/16/21 14:28*	*07/17/21 10:46*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**8.10**	1.03	mg/kg dry	1	P1G2314	07/23/21 17:29	07/26/21 13:54	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 18:38	TPH 8015M	
>C12-C28	**90.2**	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 18:38	TPH 8015M	
>C28-C35	**35.2**	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 18:38	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.6 %*	*70-130*		*P1G2105*	*07/20/21 14:00*	*07/21/21 18:38*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P1G2105*	*07/20/21 14:00*	*07/21/21 18:38*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**125**	25.8	mg/kg dry	1	[CALC]	07/20/21 14:00	07/21/21 18:38	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-2 @ 1.5'

1G16004-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1G1610	07/16/21 14:28	07/17/21 11:07	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1G1610	07/16/21 14:28	07/17/21 11:07	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1G1610	07/16/21 14:28	07/17/21 11:07	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1G1610	07/16/21 14:28	07/17/21 11:07	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1G1610	07/16/21 14:28	07/17/21 11:07	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*109 %*	*80-120*		*P1G1610*	*07/16/21 14:28*	*07/17/21 11:07*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*94.9 %*	*80-120*		*P1G1610*	*07/16/21 14:28*	*07/17/21 11:07*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2.95**	1.03	mg/kg dry	1	P1G2314	07/23/21 17:29	07/26/21 14:10	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 19:00	TPH 8015M	
>C12-C28	**35.6**	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 19:00	TPH 8015M	
>C28-C35	**27.0**	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 19:00	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.9 %*	*70-130*		*P1G2105*	*07/20/21 14:00*	*07/21/21 19:00*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P1G2105*	*07/20/21 14:00*	*07/21/21 19:00*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**62.6**	25.8	mg/kg dry	1	[CALC]	07/20/21 14:00	07/21/21 19:00	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-3 @ 8"

1G16004-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 08:36	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 08:36	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 08:36	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 08:36	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 08:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 08:36*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*88.8 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 08:36*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.73**	1.02	mg/kg dry	1	P1G2314	07/23/21 17:29	07/24/21 13:01	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 19:22	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 19:22	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 19:22	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.5 %*	*70-130*		*P1G2105*	*07/20/21 14:00*	*07/21/21 19:22*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P1G2105*	*07/20/21 14:00*	*07/21/21 19:22*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	07/20/21 14:00	07/21/21 19:22	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-4 @ 8"

1G16004-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 08:56	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 08:56	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 08:56	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 08:56	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 08:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 08:56*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*92.9 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 08:56*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.32**	1.03	mg/kg dry	1	P1G2314	07/23/21 17:29	07/24/21 13:47	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 19:45	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 19:45	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 19:45	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.3 %*	*70-130*		*P1G2105*	*07/20/21 14:00*	*07/21/21 19:45*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P1G2105*	*07/20/21 14:00*	*07/21/21 19:45*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/20/21 14:00	07/21/21 19:45	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-5 @ 3.5'

1G16004-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 09:17	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 09:17	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 09:17	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 09:17	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 09:17	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 09:17*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*86.0 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 09:17*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**6.85**	1.03	mg/kg dry	1	P1G2314	07/23/21 17:29	07/24/21 14:02	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 20:07	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 20:07	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 20:07	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.9 %*	*70-130*		*P1G2105*	*07/20/21 14:00*	*07/21/21 20:07*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P1G2105*	*07/20/21 14:00*	*07/21/21 20:07*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/20/21 14:00	07/21/21 20:07	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-6 @ 8"

1G16004-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 09:38	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 09:38	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 09:38	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 09:38	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 09:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 09:38*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*88.9 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 09:38*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.76**	1.03	mg/kg dry	1	P1G2314	07/23/21 17:29	07/24/21 14:17	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 20:29	TPH 8015M	
>C12-C28	**27.4**	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 20:29	TPH 8015M	
>C28-C35	**27.9**	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 20:29	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.1 %*	*70-130*		*P1G2105*	*07/20/21 14:00*	*07/21/21 20:29*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P1G2105*	*07/20/21 14:00*	*07/21/21 20:29*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**55.3**	25.8	mg/kg dry	1	[CALC]	07/20/21 14:00	07/21/21 20:29	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-7 @ 8"

1G16004-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 09:59	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 09:59	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 09:59	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 09:59	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 09:59	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*89.3 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 09:59*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 09:59*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**275**	5.15	mg/kg dry	5	P1G2314	07/23/21 17:29	07/24/21 14:33	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 20:52	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 20:52	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 20:52	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.9 %*	*70-130*		*P1G2105*	*07/20/21 14:00*	*07/21/21 20:52*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P1G2105*	*07/20/21 14:00*	*07/21/21 20:52*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/20/21 14:00	07/21/21 20:52	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-8 @ 3.5'

1G16004-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00110	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 10:20	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 10:20	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 10:20	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 10:20	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 10:20	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 10:20*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*88.6 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 10:20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**9.85**	1.10	mg/kg dry	1	P1G2314	07/23/21 17:29	07/24/21 14:48	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 21:14	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 21:14	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P1G2105	07/20/21 14:00	07/21/21 21:14	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.0 %*	*70-130*		*P1G2105*	*07/20/21 14:00*	*07/21/21 21:14*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P1G2105*	*07/20/21 14:00*	*07/21/21 21:14*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	07/20/21 14:00	07/21/21 21:14	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-9 @ 7.5'

1G16004-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 10:41	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 10:41	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 10:41	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 10:41	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 10:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*92.1 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 10:41*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 10:41*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**21.4**	1.06	mg/kg dry	1	P1G2314	07/23/21 17:29	07/24/21 15:03	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 14:42	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 14:42	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 14:42	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.4 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 14:42*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.9 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 14:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 14:42	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-10 @ 6.5'

1G16004-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 11:02	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 11:02	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 11:02	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 11:02	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 11:02	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 11:02*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*93.0 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 11:02*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**164**	1.11	mg/kg dry	1	P1G2314	07/23/21 17:29	07/24/21 15:18	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 15:05	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 15:05	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 15:05	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 15:05*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 15:05*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 15:05	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-11 @ 5.5'

1G16004-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 11:23	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 11:23	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 11:23	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 11:23	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 11:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.9 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 11:23*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 11:23*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.85**	1.05	mg/kg dry	1	P1G2314	07/23/21 17:29	07/24/21 15:34	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 15:27	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 15:27	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 15:27	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 15:27*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 15:27*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 15:27	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

NW-1

1G16004-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 11:44	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 11:44	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 11:44	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 11:44	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 11:44	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 11:44*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.6 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 11:44*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**124**	1.02	mg/kg dry	1	P1G2314	07/23/21 17:29	07/24/21 15:49	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 15:50	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 15:50	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 15:50	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 15:50*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 15:50*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 15:50	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

NW-2

1G16004-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 12:47	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 12:47	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 12:47	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 12:47	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 12:47	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 12:47*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*92.4 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 12:47*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**125**	1.02	mg/kg dry	1	P1G2315	07/23/21 17:30	07/24/21 17:20	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 16:12	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 16:12	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 16:12	TPH 8015M	
Surrogate: 1-Chlorooctane		*106 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 16:12*	*TPH 8015M*	
Surrogate: o-Terphenyl		*107 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 16:12*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 16:12	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

NW-3

1G16004-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 13:08	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 13:08	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 13:08	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 13:08	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 13:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 13:08*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*91.8 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 13:08*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**104**	1.08	mg/kg dry	1	P1G2315	07/23/21 17:30	07/24/21 18:06	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 16:35	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 16:35	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 16:35	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 16:35*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 16:35*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 16:35	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

SW-1

1G16004-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 13:29	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 13:29	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 13:29	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 13:29	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 13:29	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*109 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 13:29*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 13:29*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**10.2**	1.01	mg/kg dry	1	P1G2315	07/23/21 17:30	07/24/21 18:22	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 16:58	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 16:58	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 16:58	TPH 8015M	
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 16:58*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 16:58*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 16:58	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

SW-2

1G16004-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 13:50	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 13:50	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 13:50	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 13:50	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 13:50	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 13:50*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*91.2 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 13:50*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**48.3**	1.05	mg/kg dry	1	P1G2315	07/23/21 17:30	07/24/21 18:37	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 17:20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 17:20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 17:20	TPH 8015M	
Surrogate: 1-Chlorooctane		*99.4 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 17:20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.0 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 17:20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 17:20	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

SEW

1G16004-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 14:11	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 14:11	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 14:11	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 14:11	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 14:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.9 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 14:11*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*109 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 14:11*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**21.1**	1.02	mg/kg dry	1	P1G2315	07/23/21 17:30	07/24/21 18:52	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 17:43	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 17:43	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 17:43	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 17:43*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 17:43*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 17:43	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

EW

1G16004-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 14:33	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 14:33	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 14:33	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 14:33	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 14:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*91.8 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 14:33*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 14:33*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**23.8**	1.03	mg/kg dry	1	P1G2315	07/23/21 17:30	07/24/21 19:08	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 18:05	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 18:05	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 18:05	TPH 8015M	
Surrogate: 1-Chlorooctane		*109 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 18:05*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 18:05*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 18:05	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

WW

1G16004-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 14:54	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 14:54	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 14:54	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 14:54	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 14:54	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 14:54*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*94.2 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 14:54*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**39.3**	1.01	mg/kg dry	1	P1G2315	07/23/21 17:30	07/24/21 19:23	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 19:12	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 19:12	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 19:12	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 19:12*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 19:12*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 19:12	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

SURF-1

1G16004-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 15:15	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 15:15	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 15:15	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 15:15	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 15:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 15:15*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*94.3 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 15:15*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.5**	1.04	mg/kg dry	1	P1G2315	07/23/21 17:30	07/24/21 19:38	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 19:35	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 19:35	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 19:35	TPH 8015M	
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 19:35*	*TPH 8015M*	
Surrogate: o-Terphenyl		*106 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 19:35*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 19:35	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

SURF-2

1G16004-21 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 15:36	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 15:36	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 15:36	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 15:36	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 15:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.4 %*		*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 15:36*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*		*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 15:36*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**7.45**	1.02	mg/kg dry	1	P1G2315	07/23/21 17:30	07/24/21 19:54	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 19:57	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 19:57	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 19:57	TPH 8015M	
Surrogate: 1-Chlorooctane		*113 %*		*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 19:57*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*		*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 19:57*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 19:57	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

SURF-3

1G16004-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 15:57	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 15:57	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 15:57	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 15:57	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1G1611	07/16/21 14:34	07/19/21 15:57	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.5 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 15:57*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*109 %*	*80-120*		*P1G1611*	*07/16/21 14:34*	*07/19/21 15:57*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**11.3**	1.03	mg/kg dry	1	P1G2315	07/23/21 17:30	07/24/21 20:09	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 20:20	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 20:20	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 20:20	TPH 8015M	
Surrogate: 1-Chlorooctane		*111 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 20:20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*114 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 20:20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 20:20	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

SURF-4

1G16004-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 12:55	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 12:55	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 12:55	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 12:55	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 12:55	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*108 %*	*80-120*		*P1G2003*	*07/20/21 09:57*	*07/20/21 12:55*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.1 %*	*80-120*		*P1G2003*	*07/20/21 09:57*	*07/20/21 12:55*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**202**	1.01	mg/kg dry	1	P1G2315	07/23/21 17:30	07/24/21 20:55	EPA 300.0	
% Moisture	**1.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 20:42	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 20:42	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 20:42	TPH 8015M	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 20:42*	*TPH 8015M*	
Surrogate: o-Terphenyl		*110 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 20:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 20:42	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

SURF-5

1G16004-24 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 13:15	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 13:15	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 13:15	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 13:15	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 13:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P1G2003*	*07/20/21 09:57*	*07/20/21 13:15*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*92.6 %*	*80-120*		*P1G2003*	*07/20/21 09:57*	*07/20/21 13:15*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**92.5**	1.05	mg/kg dry	1	P1G2315	07/23/21 17:30	07/24/21 21:41	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 21:04	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 21:04	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 21:04	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 21:04*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 21:04*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 21:04	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

SURF-6

1G16004-25 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 13:36	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 13:36	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 13:36	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 13:36	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 13:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P1G2003*	*07/20/21 09:57*	*07/20/21 13:36*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*93.2 %*	*80-120*		*P1G2003*	*07/20/21 09:57*	*07/20/21 13:36*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**55.6**	1.05	mg/kg dry	1	P1G2315	07/23/21 17:30	07/24/21 21:56	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 21:26	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 21:26	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 21:26	TPH 8015M	
Surrogate: 1-Chlorooctane		*115 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 21:26*	*TPH 8015M*	
Surrogate: o-Terphenyl		*118 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 21:26*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 21:26	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

SURF-7

1G16004-26 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 13:57	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 13:57	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 13:57	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 13:57	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 13:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*109 %*	*80-120*		*P1G2003*	*07/20/21 09:57*	*07/20/21 13:57*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.1 %*	*80-120*		*P1G2003*	*07/20/21 09:57*	*07/20/21 13:57*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**53.5**	1.05	mg/kg dry	1	P1G2315	07/23/21 17:30	07/24/21 22:12	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 21:49	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 21:49	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 21:49	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 21:49*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 21:49*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 21:49	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

SURF-8

1G16004-27 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 14:18	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 14:18	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 14:18	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 14:18	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 14:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.6 %*	*80-120*		*P1G2003*	*07/20/21 09:57*	*07/20/21 14:18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*109 %*	*80-120*		*P1G2003*	*07/20/21 09:57*	*07/20/21 14:18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**55.9**	1.04	mg/kg dry	1	P1G2315	07/23/21 17:30	07/24/21 22:27	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 22:11	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 22:11	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 22:11	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 22:11*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 22:11*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 22:11	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

SURF-9

1G16004-28 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 15:43	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 15:43	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 15:43	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 15:43	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P1G2003	07/20/21 09:57	07/20/21 15:43	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*113 %*	*80-120*		*P1G2003*	*07/20/21 09:57*	*07/20/21 15:43*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P1G2003*	*07/20/21 09:57*	*07/20/21 15:43*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**74.5**	1.04	mg/kg dry	1	P1G2315	07/23/21 17:30	07/24/21 22:42	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P1G2007	07/20/21 11:35	07/20/21 11:37	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 22:33	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 22:33	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P1G2106	07/20/21 15:00	07/22/21 22:33	TPH 8015M	
Surrogate: 1-Chlorooctane		*112 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 22:33*	*TPH 8015M*	
Surrogate: o-Terphenyl		*117 %*	*70-130*		*P1G2106*	*07/20/21 15:00*	*07/22/21 22:33*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	07/20/21 15:00	07/22/21 22:33	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G1610 - * DEFAULT PREP *** **										
Blank (P1G1610-BLK1)				Prepared: 07/16/21 Analyzed: 07/17/21						
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	*0.123*		"	*0.120*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.104*		"	*0.120*		*86.7*	*80-120*			
LCS (P1G1610-BS1)				Prepared: 07/16/21 Analyzed: 07/17/21						
Benzene	0.119	0.00100	mg/kg wet	0.100		119	70-130			
Toluene	0.110	0.00100	"	0.100		110	70-130			
Ethylbenzene	0.111	0.00100	"	0.100		111	70-130			
Xylene (p/m)	0.195	0.00200	"	0.200		97.5	70-130			
Xylene (o)	0.103	0.00100	"	0.100		103	70-130			
Surrogate: 4-Bromofluorobenzene	*0.106*		"	*0.120*		*88.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.1*	*80-120*			
LCS Dup (P1G1610-BSD1)				Prepared: 07/16/21 Analyzed: 07/17/21						
Benzene	0.120	0.00100	mg/kg wet	0.100		120	70-130	0.627	20	
Toluene	0.110	0.00100	"	0.100		110	70-130	0.528	20	
Ethylbenzene	0.111	0.00100	"	0.100		111	70-130	0.487	20	
Xylene (p/m)	0.196	0.00200	"	0.200		97.8	70-130	0.302	20	
Xylene (o)	0.104	0.00100	"	0.100		104	70-130	0.953	20	
Surrogate: 4-Bromofluorobenzene	*0.108*		"	*0.120*		*90.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.5*	*80-120*			
Calibration Blank (P1G1610-CCB1)				Prepared: 07/16/21 Analyzed: 07/17/21						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.109*		"	*0.120*		*91.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.126*		"	*0.120*		*105*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G1610 - * DEFAULT PREP *** **										
Calibration Blank (P1G1610-CCB2)				Prepared: 07/16/21 Analyzed: 07/17/21						
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	*0.126*		*"*	*0.120*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*90.6*	*80-120*			
Calibration Check (P1G1610-CCV1)				Prepared: 07/16/21 Analyzed: 07/17/21						
Benzene	0.119	0.00100	mg/kg wet	0.100		119	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.192	0.00200	"	0.200		96.0	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.107*		*"*	*0.120*		*89.6*	*75-125*			
Calibration Check (P1G1610-CCV2)				Prepared: 07/16/21 Analyzed: 07/17/21						
Benzene	0.117	0.00100	mg/kg wet	0.100		117	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.180	0.00200	"	0.200		89.8	80-120			
Xylene (o)	0.0983	0.00100	"	0.100		98.3	80-120			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.6*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.107*		*"*	*0.120*		*89.2*	*75-125*			
Calibration Check (P1G1610-CCV3)				Prepared: 07/16/21 Analyzed: 07/17/21						
Benzene	0.118	0.00100	mg/kg wet	0.100		118	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.179	0.00200	"	0.200		89.7	80-120			
Xylene (o)	0.0992	0.00100	"	0.100		99.2	80-120			
Surrogate: 4-Bromofluorobenzene	*0.108*		*"*	*0.120*		*90.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.2*	*75-125*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G1610 - * DEFAULT PREP *** **										
Matrix Spike (P1G1610-MS1)	**Source: 1G14006-10**			Prepared: 07/16/21 Analyzed: 07/17/21						
Benzene	0.0929	0.00102	mg/kg dry	0.102	ND	91.1	80-120			
Toluene	0.0614	0.00102	"	0.102	ND	60.2	80-120			QM-07
Ethylbenzene	0.0348	0.00102	"	0.102	ND	34.1	80-120			QM-07
Xylene (p/m)	0.0885	0.00204	"	0.204	ND	43.4	80-120			QM-07
Xylene (o)	0.0747	0.00102	"	0.102	ND	73.2	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.122*		*92.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.122*		*99.3*	*80-120*			
Matrix Spike Dup (P1G1610-MSD1)	**Source: 1G14006-10**			Prepared: 07/16/21 Analyzed: 07/17/21						
Benzene	0.0911	0.00102	mg/kg dry	0.102	ND	89.3	80-120	1.93	20	
Toluene	0.0521	0.00102	"	0.102	ND	51.0	80-120	16.4	20	QM-07
Ethylbenzene	0.0225	0.00102	"	0.102	ND	22.0	80-120	43.1	20	QM-07
Xylene (p/m)	0.0446	0.00204	"	0.204	ND	21.9	80-120	66.0	20	QM-07
Xylene (o)	0.0780	0.00102	"	0.102	ND	76.4	80-120	4.36	20	QM-07
Surrogate: 4-Bromofluorobenzene	*0.111*		"	*0.122*		*90.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.122*		*100*	*80-120*			
Batch P1G1611 - * DEFAULT PREP *** **										
Blank (P1G1611-BLK1)				Prepared: 07/16/21 Analyzed: 07/19/21						
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: 4-Bromofluorobenzene	*0.108*		"	*0.120*		*90.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G1611 - * DEFAULT PREP *** **										
LCS (P1G1611-BS1)				Prepared: 07/16/21 Analyzed: 07/17/21						
Benzene	0.118	0.00100	mg/kg wet	0.100		118	70-130			
Toluene	0.107	0.00100	"	0.100		107	70-130			
Ethylbenzene	0.106	0.00100	"	0.100		106	70-130			
Xylene (p/m)	0.191	0.00200	"	0.200		95.5	70-130			
Xylene (o)	0.100	0.00100	"	0.100		100	70-130			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.1*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*90.5*	*80-120*			
LCS Dup (P1G1611-BSD1)				Prepared: 07/16/21 Analyzed: 07/19/21						
Benzene	0.107	0.00100	mg/kg wet	0.100		107	70-130	9.47	20	
Toluene	0.118	0.00100	"	0.100		118	70-130	9.78	20	
Ethylbenzene	0.117	0.00100	"	0.100		117	70-130	9.35	20	
Xylene (p/m)	0.223	0.00200	"	0.200		112	70-130	15.7	20	
Xylene (o)	0.120	0.00100	"	0.100		120	70-130	17.9	20	
Surrogate: 1,4-Difluorobenzene	*0.109*		*"*	*0.120*		*91.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.143*		*"*	*0.120*		*119*	*80-120*			
Calibration Blank (P1G1611-CCB1)				Prepared: 07/16/21 Analyzed: 07/17/21						
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	*0.128*		*"*	*0.120*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.112*		*"*	*0.120*		*93.0*	*80-120*			
Calibration Blank (P1G1611-CCB2)				Prepared: 07/16/21 Analyzed: 07/19/21						
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	*0.123*		*"*	*0.120*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*90.6*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G1611 - * DEFAULT PREP *** **										
Calibration Check (P1G1611-CCV1)				Prepared: 07/16/21 Analyzed: 07/17/21						
Benzene	0.118	0.00100	mg/kg wet	0.100		118	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.103	0.00100	"	0.100		103	80-120			
Xylene (p/m)	0.179	0.00200	"	0.200		89.7	80-120			
Xylene (o)	0.0992	0.00100	"	0.100		99.2	80-120			
Surrogate: 4-Bromofluorobenzene	*0.108*		*"*	*0.120*		*90.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.2*	*75-125*			
Calibration Check (P1G1611-CCV2)				Prepared: 07/16/21 Analyzed: 07/19/21						
Benzene	0.112	0.00100	mg/kg wet	0.100		112	80-120			
Toluene	0.0994	0.00100	"	0.100		99.4	80-120			
Ethylbenzene	0.0991	0.00100	"	0.100		99.1	80-120			
Xylene (p/m)	0.166	0.00200	"	0.200		83.0	80-120			
Xylene (o)	0.0952	0.00100	"	0.100		95.2	80-120			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*95.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*90.5*	*75-125*			
Calibration Check (P1G1611-CCV3)				Prepared: 07/16/21 Analyzed: 07/19/21						
Benzene	0.108	0.00100	mg/kg wet	0.100		108	80-120			
Toluene	0.0937	0.00100	"	0.100		93.7	80-120			
Ethylbenzene	0.0933	0.00100	"	0.100		93.3	80-120			
Xylene (p/m)	0.161	0.00200	"	0.200		80.4	80-120			
Xylene (o)	0.0881	0.00100	"	0.100		88.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.111*		*"*	*0.120*		*92.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.8*	*75-125*			
Matrix Spike (P1G1611-MS1)	**Source: 1G16004-03**			Prepared: 07/16/21 Analyzed: 07/19/21						
Benzene	0.0888	0.00102	mg/kg dry	0.102	ND	87.0	80-120			
Toluene	0.0579	0.00102	"	0.102	ND	56.7	80-120			QM-07
Ethylbenzene	0.0614	0.00102	"	0.102	ND	60.2	80-120			QM-07
Xylene (p/m)	0.0203	0.00204	"	0.204	ND	9.93	80-120			QM-07
Xylene (o)	0.0817	0.00102	"	0.102	ND	80.1	80-120			
Surrogate: 4-Bromofluorobenzene	*0.114*		*"*	*0.122*		*93.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.122*		*97.4*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G1611 - * DEFAULT PREP *** **										
Matrix Spike Dup (P1G1611-MSD1)	**Source: 1G16004-03**			Prepared: 07/16/21 Analyzed: 07/19/21						
Benzene	0.0950	0.00102	mg/kg dry	0.102	ND	93.1	80-120	6.79	20	
Toluene	0.0757	0.00102	"	0.102	ND	74.2	80-120	26.8	20	QM-07
Ethylbenzene	0.0654	0.00102	"	0.102	ND	64.1	80-120	6.16	20	QM-07
Xylene (p/m)	0.0803	0.00204	"	0.204	ND	39.4	80-120	119	20	QM-07
Xylene (o)	0.0873	0.00102	"	0.102	ND	85.6	80-120	6.62	20	
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.122*		*99.6*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.116*		*"*	*0.122*		*94.5*	*80-120*			
Batch P1G2003 - * DEFAULT PREP *** **										
Blank (P1G2003-BLK1)				Prepared & Analyzed: 07/20/21						
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	*0.127*		*"*	*0.120*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*94.4*	*80-120*			
LCS (P1G2003-BS1)				Prepared & Analyzed: 07/20/21						
Benzene	0.119	0.00100	mg/kg wet	0.100		119	70-130			
Toluene	0.114	0.00100	"	0.100		114	70-130			
Ethylbenzene	0.115	0.00100	"	0.100		115	70-130			
Xylene (p/m)	0.204	0.00200	"	0.200		102	70-130			
Xylene (o)	0.107	0.00100	"	0.100		107	70-130			
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*90.6*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*95.0*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G2003 - * DEFAULT PREP *** **										
LCS Dup (P1G2003-BSD1)				Prepared & Analyzed: 07/20/21						
Benzene	0.120	0.00100	mg/kg wet	0.100		120	70-130	0.259	20	
Toluene	0.116	0.00100	"	0.100		116	70-130	1.85	20	
Ethylbenzene	0.118	0.00100	"	0.100		118	70-130	2.45	20	
Xylene (p/m)	0.210	0.00200	"	0.200		105	70-130	2.64	20	
Xylene (o)	0.109	0.00100	"	0.100		109	70-130	1.44	20	
Surrogate: 4-Bromofluorobenzene	*0.109*		*"*	*0.120*		*90.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.114*		*"*	*0.120*		*94.6*	*80-120*			
Calibration Blank (P1G2003-CCB1)				Prepared & Analyzed: 07/20/21						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*95.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.127*		*"*	*0.120*		*106*	*80-120*			
Calibration Blank (P1G2003-CCB2)				Prepared & Analyzed: 07/20/21						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.112*		*"*	*0.120*		*93.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.127*		*"*	*0.120*		*106*	*80-120*			
Calibration Blank (P1G2003-CCB3)				Prepared & Analyzed: 07/20/21						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*98.8*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.132*		*"*	*0.120*		*110*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G2003 - * DEFAULT PREP *** **										
Calibration Check (P1G2003-CCV1)				Prepared & Analyzed: 07/20/21						
Benzene	0.119	0.00100	mg/kg wet	0.100		119	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.202	0.00200	"	0.200		101	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.6*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.2*	*75-125*			
Calibration Check (P1G2003-CCV2)				Prepared & Analyzed: 07/20/21						
Benzene	0.120	0.00100	mg/kg wet	0.100		120	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.191	0.00200	"	0.200		95.7	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*98.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.1*	*75-125*			
Calibration Check (P1G2003-CCV3)				Prepared & Analyzed: 07/20/21						
Benzene	0.118	0.00100	mg/kg wet	0.100		118	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.185	0.00200	"	0.200		92.4	80-120			
Xylene (o)	0.0999	0.00100	"	0.100		99.9	80-120			
Surrogate: 4-Bromofluorobenzene	*0.105*		"	*0.120*		*87.9*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.1*	*75-125*			
Matrix Spike (P1G2003-MS1)	**Source: 1G16004-23**			Prepared & Analyzed: 07/20/21						
Benzene	0.0971	0.00101	mg/kg dry	0.101	ND	96.1	80-120			
Toluene	0.0847	0.00101	"	0.101	ND	83.9	80-120			
Ethylbenzene	0.0834	0.00101	"	0.101	ND	82.6	80-120			
Xylene (p/m)	0.147	0.00202	"	0.202	ND	72.9	80-120			QM-07
Xylene (o)	0.0762	0.00101	"	0.101	ND	75.4	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.111*		"	*0.121*		*91.7*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.121*		*97.4*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G2003 - * DEFAULT PREP *** **										
Matrix Spike Dup (P1G2003-MSD1)	**Source: 1G16004-23**			Prepared & Analyzed: 07/20/21						
Benzene	0.107	0.00101	mg/kg dry	0.101	ND	106	80-120	9.80	20	
Toluene	0.0938	0.00101	"	0.101	ND	92.8	80-120	10.1	20	
Ethylbenzene	0.0934	0.00101	"	0.101	ND	92.5	80-120	11.3	20	
Xylene (p/m)	0.165	0.00202	"	0.202	ND	81.6	80-120	11.3	20	
Xylene (o)	0.0847	0.00101	"	0.101	ND	83.9	80-120	10.6	20	
Surrogate: 1,4-Difluorobenzene	*0.121*		*"*	*0.121*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.116*		*"*	*0.121*		*95.4*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G2007 - * DEFAULT PREP *** **										
Blank (P1G2007-BLK1)				Prepared & Analyzed: 07/20/21						
% Moisture	ND	0.1	%							
Blank (P1G2007-BLK2)				Prepared & Analyzed: 07/20/21						
% Moisture	ND	0.1	%							
Duplicate (P1G2007-DUP1)		**Source: 1G16004-07**		Prepared & Analyzed: 07/20/21						
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P1G2007-DUP2)		**Source: 1G16004-17**		Prepared & Analyzed: 07/20/21						
% Moisture	1.0	0.1	%		2.0			66.7	20	
Duplicate (P1G2007-DUP3)		**Source: 1G16006-04**		Prepared & Analyzed: 07/20/21						
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P1G2007-DUP4)		**Source: 1G19001-05**		Prepared & Analyzed: 07/20/21						
% Moisture	3.0	0.1	%		3.0			0.00	20	
Batch P1G2314 - * DEFAULT PREP *** **										
LCS (P1G2314-BS1)				Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	425	1.00	mg/kg wet	400		106	90-110			
LCS Dup (P1G2314-BSD1)				Prepared: 07/23/21 Analyzed: 07/26/21						
Chloride	440	1.00	mg/kg wet	400		110	90-110	3.47	20	
Calibration Check (P1G2314-CCV1)				Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	19.3		mg/kg	20.0		96.6	90-110			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G2314 - * DEFAULT PREP *** **										
Calibration Check (P1G2314-CCV2)				Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	19.3		mg/kg	20.0		96.5	90-110			
Calibration Check (P1G2314-CCV3)				Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	19.9		mg/kg	20.0		99.3	90-110			
Matrix Spike (P1G2314-MS1)		**Source: 1G15013-31**		Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	8300	26.9	mg/kg dry	2690	6430	69.4	80-120			QM-07
Matrix Spike (P1G2314-MS2)		**Source: 1G16004-03**		Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	477	1.02	mg/kg dry	510	3.73	92.8	80-120			
Matrix Spike Dup (P1G2314-MSD1)		**Source: 1G15013-31**		Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	8360	26.9	mg/kg dry	2690	6430	71.5	80-120	0.655	20	QM-07
Matrix Spike Dup (P1G2314-MSD2)		**Source: 1G16004-03**		Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	466	1.02	mg/kg dry	510	3.73	90.5	80-120	2.51	20	
Batch P1G2315 - * DEFAULT PREP *** **										
Blank (P1G2315-BLK1)				Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	ND	1.00	mg/kg wet							
LCS (P1G2315-BS1)				Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	409	1.00	mg/kg wet	400		102	90-110			
LCS Dup (P1G2315-BSD1)				Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	413	1.00	mg/kg wet	400		103	90-110	0.984	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G2315 - * DEFAULT PREP *** **										
Calibration Check (P1G2315-CCV1)				Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	19.9		mg/kg	20.0		99.3	90-110			
Calibration Check (P1G2315-CCV2)				Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	19.7		mg/kg	20.0		98.5	90-110			
Calibration Check (P1G2315-CCV3)				Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	19.8		mg/kg	20.0		99.2	90-110			
Matrix Spike (P1G2315-MS1)		**Source: 1G16004-13**		Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	607	1.02	mg/kg dry	510	125	94.5	80-120			
Matrix Spike (P1G2315-MS2)		**Source: 1G16004-23**		Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	671	1.01	mg/kg dry	505	202	92.9	80-120			
Matrix Spike Dup (P1G2315-MSD1)		**Source: 1G16004-13**		Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	603	1.02	mg/kg dry	510	125	93.8	80-120	0.570	20	
Matrix Spike Dup (P1G2315-MSD2)		**Source: 1G16004-23**		Prepared: 07/23/21 Analyzed: 07/24/21						
Chloride	667	1.01	mg/kg dry	505	202	92.1	80-120	0.595	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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 P1G2105 - TX 1005										
Blank (P1G2105-BLK1)				Prepared: 07/20/21 Analyzed: 07/21/21						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*93.1*		*"*	*100*		*93.1*	*70-130*			
Surrogate: o-Terphenyl	*49.3*		*"*	*50.0*		*98.6*	*70-130*			
LCS (P1G2105-BS1)				Prepared: 07/20/21 Analyzed: 07/21/21						
C6-C12	1070	25.0	mg/kg wet	1000		107	75-125			
>C12-C28	859	25.0	"	1000		85.9	75-125			
Surrogate: 1-Chlorooctane	*96.6*		*"*	*100*		*96.6*	*70-130*			
Surrogate: o-Terphenyl	*53.6*		*"*	*50.0*		*107*	*70-130*			
LCS Dup (P1G2105-BSD1)				Prepared: 07/20/21 Analyzed: 07/21/21						
C6-C12	1060	25.0	mg/kg wet	1000		106	75-125	0.669	20	
>C12-C28	849	25.0	"	1000		84.9	75-125	1.22	20	
Surrogate: 1-Chlorooctane	*95.8*		*"*	*100*		*95.8*	*70-130*			
Surrogate: o-Terphenyl	*53.1*		*"*	*50.0*		*106*	*70-130*			
Calibration Check (P1G2105-CCV2)				Prepared: 07/20/21 Analyzed: 07/21/21						
C6-C12	490	25.0	mg/kg wet	500		98.0	85-115			
>C12-C28	451	25.0	"	500		90.2	85-115			
Surrogate: 1-Chlorooctane	*106*		*"*	*100*		*106*	*70-130*			
Surrogate: o-Terphenyl	*49.9*		*"*	*50.0*		*99.7*	*70-130*			
Matrix Spike (P1G2105-MS1)	**Source: 1G15016-01**			Prepared: 07/20/21 Analyzed: 07/21/21						
C6-C12	1020	26.6	mg/kg dry	1060	22.9	93.7	75-125			
>C12-C28	888	26.6	"	1060	475	38.8	75-125			QM-05
Surrogate: 1-Chlorooctane	*126*		*"*	*106*		*118*	*70-130*			
Surrogate: o-Terphenyl	*44.6*		*"*	*53.2*		*83.8*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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 P1G2105 - TX 1005										
Matrix Spike Dup (P1G2105-MSD1)	**Source: 1G15016-01**			Prepared: 07/20/21 Analyzed: 07/21/21						
C6-C12	1010	26.6	mg/kg dry	1060	22.9	93.0	75-125	0.705	20	
>C12-C28	864	26.6	"	1060	475	36.6	75-125	5.86	20	QM-05
Surrogate: 1-Chlorooctane	*126*		*"*	*106*		*118*	*70-130*			
Surrogate: o-Terphenyl	*49.0*		*"*	*53.2*		*92.0*	*70-130*			
Batch P1G2106 - TX 1005										
Blank (P1G2106-BLK1)				Prepared: 07/20/21 Analyzed: 07/22/21						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*96.9*		*"*	*100*		*96.9*	*70-130*			
Surrogate: o-Terphenyl	*48.0*		*"*	*50.0*		*95.9*	*70-130*			
LCS (P1G2106-BS1)				Prepared: 07/20/21 Analyzed: 07/22/21						
C6-C12	1080	25.0	mg/kg wet	1000		108	75-125			
>C12-C28	1040	25.0	"	1000		104	75-125			
Surrogate: 1-Chlorooctane	*102*		*"*	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*50.0*		*"*	*50.0*		*99.9*	*70-130*			
LCS Dup (P1G2106-BSD1)				Prepared: 07/20/21 Analyzed: 07/22/21						
C6-C12	1090	25.0	mg/kg wet	1000		109	75-125	0.765	20	
>C12-C28	1050	25.0	"	1000		105	75-125	0.531	20	
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*54.6*		*"*	*50.0*		*109*	*70-130*			
Calibration Check (P1G2106-CCV1)				Prepared: 07/20/21 Analyzed: 07/22/21						
C6-C12	511	25.0	mg/kg wet	500		102	85-115			
>C12-C28	542	25.0	"	500		108	85-115			
Surrogate: 1-Chlorooctane	*119*		*"*	*100*		*119*	*70-130*			
Surrogate: o-Terphenyl	*50.2*		*"*	*50.0*		*100*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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 P1G2106 - TX 1005										
Calibration Check (P1G2106-CCV2)				Prepared: 07/20/21 Analyzed: 07/22/21						
C6-C12	504	25.0	mg/kg wet	500		101	85-115			
>C12-C28	554	25.0	"	500		111	85-115			
Surrogate: 1-Chlorooctane	*118*		*"*	*100*		*118*	*70-130*			
Surrogate: o-Terphenyl	*49.6*		*"*	*50.0*		*99.2*	*70-130*			
Matrix Spike (P1G2106-MS1)		**Source: 1G16004-28**		Prepared: 07/20/21 Analyzed: 07/22/21						
C6-C12	1140	26.0	mg/kg dry	1040	13.5	108	75-125			
>C12-C28	1090	26.0	"	1040	12.4	103	75-125			
Surrogate: 1-Chlorooctane	*110*		*"*	*104*		*106*	*70-130*			
Surrogate: o-Terphenyl	*54.7*		*"*	*52.1*		*105*	*70-130*			
Matrix Spike Dup (P1G2106-MSD1)		**Source: 1G16004-28**		Prepared: 07/20/21 Analyzed: 07/22/21						
C6-C12	1140	26.0	mg/kg dry	1040	13.5	108	75-125	0.339	20	
>C12-C28	1060	26.0	"	1040	12.4	101	75-125	2.35	20	
Surrogate: 1-Chlorooctane	*110*		*"*	*104*		*105*	*70-130*			
Surrogate: o-Terphenyl	*56.1*		*"*	*52.1*		*108*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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 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: Brent Barron Date: 7/28/2021

Brent Barron, Laboratory Director/Technical Director

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

LTB CK WTB

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706
Phone: 432-661-4184

Invoice Centennial

Project Manager: Tim McMinn
Company Name: Etech Environmental and Safety Solutions, Inc.
Company Address: 13000 W CR 100
City/State/Zip: Odessa, Texas 79765
Telephone No: (432)230-3763 Fax No:
Sampler Signature:
e-mail: Matt@etechenv.com tim@etechenv.com

Project Name: Romeo Fed COM 1H ROW
Project #: 13445
Project Loc: Lea County, NM
PO #: 50501
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 1G16004

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge	GW = Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1	8015M	8015B	TPH: TX 1005 Ext	TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	TOTAL: BTEX 8021B 5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	BH-1 @ 1.5'			7/13/21	715		1	X									S		X										X			X		X
2	BH-2 @ 1.5'				725																													
3	BH-3 @ 8"				730																													
4	BH-4 @ 8"				745																													
5	BH-5 @ 3.5'				800																													
6	BH-6 @ 8"				815																													
7	BH-7 @ 8"				913																													
8	BH-8 @ 3.5'				900																													
9	BH-9 @ 7.5'				1400																													
10	BH-10 @ 6.5'				825																													

Special Instructions:
Bill to Centennial Resource

Relinquished by:	Date	Time	Received by:	Date	Time
	7/16	11:59			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Teresa Bledsoe	7/16/21	11:59

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Labels on container(s) Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered by Sampler/Client Rep.? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt: Received 4.9 5.9 °C Corrected °C

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706
Phone: 432-661-4184

Project Manager: Tim McMinn

Company Name: Etech Environmental and Safety Solutions, Inc.

Company Address: 13000 W CR 100

City/State/Zip: Odessa, Texas 79765

Telephone No: (432)230-3763 Fax No:

Sampler Signature:

e-mail: Matt@etechenv.com
tim@etechenv.com

Centennial

Project Name: Romeo Fed COM 1H ROW

Project #: 13445

Project Loc: Lea County, NM

PO #: 50501

Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 1G116004

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 8015M	TOTAL: TPH: 418.1	TPH: 8015B TX 1005 Ext TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B 5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
11	BH-11 @ 5.5'			7/13/21	830		1	X								S	X									X			X				X
12	NW-1			7/13/21	1200		1																										
13	NW-2			7/13/21	1300		1																										
14	NW-3			7/13/21	1115		1																										
15	SW-1			7/13/21	700		1																										
16	SW-2			7/13/21	1150		1																										
17	SEW			7/13/21	1127		1																										
18	EW			7/13/21	1128		1																										
19	WW			7/13/21	1100		1																										
20	Surf-1			7/12/21	750		1																										

Special Instructions:
Bill to Centennial Resource

Relinquished by:	Date	Time	Received by:	Date	Time
	7/16	11:59			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL: Teresa Bledsoe	7/16/21	11:59

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Labels on container(s) Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered Y N
by Sampler/Client Rep.? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt:
Received 4.9 5.9 CF +1/2
Adjusted

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706
Phone: 432-661-4184

Centennial

Project Manager: Tim McMinn
Company Name: Etech Environmental and Safety Solutions, Inc.
Company Address: 13000 W CR 100
City/State/Zip: Odessa, Texas 79765
Telephone No: (432)230-3763 Fax No:
Sampler Signature:
e-mail: Matt@etechenv.com, tim@etechenv.com

Project Name: Romeo Fed COM 1H ROW
Project #: 13445
Project Loc: Lea County, NM
PO #: 50501
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 1G116004

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 8015M	TOTAL: TPH: 418.1	TPH: TX 1005 Ext	TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B 8030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
21	Surf - 2			7/12/21	830		1	X								S	X										X			X				X
22	Surf - 3			7/12/21	815		1																												
23	Surf - 4			7/12/21	835		1																												
24	Surf - 5			7/13/21	922		1																												
25	Surf - 6			7/13/21	1005		1																												
26	Surf - 7			7/13/21	1000		1																												
27	Surf - 8			7/13/21	945		1																												
28	Surf - 9			7/12/21	952		1																												

Special Instructions:
Bill to Centennial Resource

Relinquished by:	Date	Time	Received by:	Date	Time
	7/16	11:59			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBEL:	7/16/21	11:59

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Labels on container(s) Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered by Sampler/Client Rep.? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt: Received 4.9 °C, Corrected 5.9 °C
CF +1.0

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

PBELAB

Analytical Report

Prepared for:

Tim McMinn

E Tech Environmental & Safety Solutions, Inc. [1]

13000 West County Road 100

Odessa, TX 79765

Project: Romeo Fed Com 1H ROW

Project Number: 13445

Location: Lea County, NM

Lab Order Number: 1G20003

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 08/02/21

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-12 @ 8"	1G20003-01	Soil	07/14/21 10:17	07-20-2021 11:17
BH-13 @ 8"	1G20003-02	Soil	07/14/21 10:53	07-20-2021 11:17
BH-14 @ 6"	1G20003-03	Soil	07/14/21 12:00	07-20-2021 11:17
BH-15 @ 6"	1G20003-04	Soil	07/14/21 13:00	07-20-2021 11:17
BH-16 @ 6"	1G20003-05	Soil	07/14/21 07:02	07-20-2021 11:17
NW-4 @ 3'	1G20003-06	Soil	07/14/21 14:00	07-20-2021 11:17
WW-2 @ 3'	1G20003-07	Soil	07/14/21 13:00	07-20-2021 11:17
BH-17 @ 8"	1G20003-08	Soil	07/14/21 13:25	07-20-2021 11:17

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-12 @ 8''

1G20003-01 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 06:12	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 06:12	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 06:12	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 06:12	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 06:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.6 %*	*80-120*		*P1G2004*	*07/20/21 12:47*	*07/21/21 06:12*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*108 %*	*80-120*		*P1G2004*	*07/20/21 12:47*	*07/21/21 06:12*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**13.9**	1.06	mg/kg dry	1	P1G2703	07/27/21 12:58	07/27/21 22:27	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P1G2211	07/22/21 14:47	07/22/21 14:55	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 14:03	TPH 8015M	
>C12-C28	**33.0**	26.6	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 14:03	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 14:03	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P1G2206*	*07/22/21 09:00*	*07/23/21 14:03*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P1G2206*	*07/22/21 09:00*	*07/23/21 14:03*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**33.0**	26.6	mg/kg dry	1	[CALC]	07/22/21 09:00	07/23/21 14:03	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-13 @ 8''

1G20003-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00110	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 06:33	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 06:33	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 06:33	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 06:33	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 06:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*113 %*	*80-120*		*P1G2004*	*07/20/21 12:47*	*07/21/21 06:33*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P1G2004*	*07/20/21 12:47*	*07/21/21 06:33*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.36**	1.10	mg/kg dry	1	P1G2703	07/27/21 12:58	07/27/21 22:42	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P1G2211	07/22/21 14:47	07/22/21 14:55	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 14:25	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 14:25	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 14:25	TPH 8015M	
Surrogate: 1-Chlorooctane		*109 %*	*70-130*		*P1G2206*	*07/22/21 09:00*	*07/23/21 14:25*	*TPH 8015M*	
Surrogate: o-Terphenyl		*115 %*	*70-130*		*P1G2206*	*07/22/21 09:00*	*07/23/21 14:25*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	07/22/21 09:00	07/23/21 14:25	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-14 @ 6"

1G20003-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 06:54	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 06:54	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 06:54	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 06:54	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 06:54	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.0 %*	*80-120*		*P1G2004*	*07/20/21 12:47*	*07/21/21 06:54*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*110 %*	*80-120*		*P1G2004*	*07/20/21 12:47*	*07/21/21 06:54*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.53**	1.09	mg/kg dry	1	P1G2703	07/27/21 12:58	07/27/21 22:57	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P1G2211	07/22/21 14:47	07/22/21 14:55	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 14:48	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 14:48	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 14:48	TPH 8015M	
Surrogate: 1-Chlorooctane		*111 %*	*70-130*		*P1G2206*	*07/22/21 09:00*	*07/23/21 14:48*	*TPH 8015M*	
Surrogate: o-Terphenyl		*116 %*	*70-130*		*P1G2206*	*07/22/21 09:00*	*07/23/21 14:48*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	07/22/21 09:00	07/23/21 14:48	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-15 @ 6"

1G20003-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 07:14	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 07:14	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 07:14	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 07:14	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1G2004	07/20/21 12:47	07/21/21 07:14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*112 %*	*80-120*		*P1G2004*	*07/20/21 12:47*	*07/21/21 07:14*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.7 %*	*80-120*		*P1G2004*	*07/20/21 12:47*	*07/21/21 07:14*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**23.8**	1.06	mg/kg dry	1	P1G2703	07/27/21 12:58	07/27/21 23:13	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P1G2211	07/22/21 14:47	07/22/21 14:55	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 15:11	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 15:11	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 15:11	TPH 8015M	
Surrogate: 1-Chlorooctane		*108 %*	*70-130*		*P1G2206*	*07/22/21 09:00*	*07/23/21 15:11*	*TPH 8015M*	
Surrogate: o-Terphenyl		*115 %*	*70-130*		*P1G2206*	*07/22/21 09:00*	*07/23/21 15:11*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	07/22/21 09:00	07/23/21 15:11	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-16 @ 6"

1G20003-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 13:56	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 13:56	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 13:56	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 13:56	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 13:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P1G2202*	*07/22/21 09:07*	*07/22/21 13:56*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*108 %*	*80-120*		*P1G2202*	*07/22/21 09:07*	*07/22/21 13:56*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.78**	1.03	mg/kg dry	1	P1G2703	07/27/21 12:58	07/27/21 23:28	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1G2211	07/22/21 14:47	07/22/21 14:55	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 15:34	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 15:34	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 15:34	TPH 8015M	
Surrogate: 1-Chlorooctane		*113 %*	*70-130*		*P1G2206*	*07/22/21 09:00*	*07/23/21 15:34*	*TPH 8015M*	
Surrogate: o-Terphenyl		*119 %*	*70-130*		*P1G2206*	*07/22/21 09:00*	*07/23/21 15:34*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/22/21 09:00	07/23/21 15:34	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

NW-4 @ 3'

1G20003-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 14:17	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 14:17	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 14:17	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 14:17	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 14:17	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P1G2202*	*07/22/21 09:07*	*07/22/21 14:17*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.1 %*	*80-120*		*P1G2202*	*07/22/21 09:07*	*07/22/21 14:17*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**227**	1.03	mg/kg dry	1	P1G2703	07/27/21 12:58	07/28/21 00:14	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1G2211	07/22/21 14:47	07/22/21 14:55	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 16:42	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 16:42	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 16:42	TPH 8015M	
Surrogate: 1-Chlorooctane		*114 %*	*70-130*		*P1G2206*	*07/22/21 09:00*	*07/23/21 16:42*	*TPH 8015M*	
Surrogate: o-Terphenyl		*120 %*	*70-130*		*P1G2206*	*07/22/21 09:00*	*07/23/21 16:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	07/22/21 09:00	07/23/21 16:42	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

WW-2 @ 3'

1G20003-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 14:38	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 14:38	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 14:38	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 14:38	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 14:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P1G2202*	*07/22/21 09:07*	*07/22/21 14:38*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.6 %*	*80-120*		*P1G2202*	*07/22/21 09:07*	*07/22/21 14:38*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**98.3**	1.08	mg/kg dry	1	P1G2703	07/27/21 12:58	07/28/21 01:00	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P1G2211	07/22/21 14:47	07/22/21 14:55	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 17:04	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 17:04	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 17:04	TPH 8015M	
Surrogate: 1-Chlorooctane		*113 %*	*70-130*		*P1G2206*	*07/22/21 09:00*	*07/23/21 17:04*	*TPH 8015M*	
Surrogate: o-Terphenyl		*119 %*	*70-130*		*P1G2206*	*07/22/21 09:00*	*07/23/21 17:04*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	07/22/21 09:00	07/23/21 17:04	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-17 @ 8''

1G20003-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 14:59	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 14:59	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 14:59	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 14:59	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P1G2202	07/22/21 09:07	07/22/21 14:59	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*110 %*	*80-120*		*P1G2202*	*07/22/21 09:07*	*07/22/21 14:59*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P1G2202*	*07/22/21 09:07*	*07/22/21 14:59*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**105**	1.08	mg/kg dry	1	P1G2703	07/27/21 12:58	07/28/21 01:15	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P1G2211	07/22/21 14:47	07/22/21 14:55	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 17:27	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 17:27	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1G2206	07/22/21 09:00	07/23/21 17:27	TPH 8015M	
Surrogate: 1-Chlorooctane		*114 %*	*70-130*		*P1G2206*	*07/22/21 09:00*	*07/23/21 17:27*	*TPH 8015M*	
Surrogate: o-Terphenyl		*121 %*	*70-130*		*P1G2206*	*07/22/21 09:00*	*07/23/21 17:27*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	07/22/21 09:00	07/23/21 17:27	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G2004 - * DEFAULT PREP *** **										
Blank (P1G2004-BLK1)				Prepared & Analyzed: 07/20/21						
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	*0.127*		*"*	*0.120*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.112*		*"*	*0.120*		*93.2*	*80-120*			
LCS (P1G2004-BS1)				Prepared & Analyzed: 07/20/21						
Benzene	0.119	0.00100	mg/kg wet	0.100		119	70-130			
Toluene	0.107	0.00100	"	0.100		107	70-130			
Ethylbenzene	0.108	0.00100	"	0.100		108	70-130			
Xylene (p/m)	0.190	0.00200	"	0.200		95.2	70-130			
Xylene (o)	0.100	0.00100	"	0.100		100	70-130			
Surrogate: 1,4-Difluorobenzene	*0.115*		*"*	*0.120*		*96.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.5*	*80-120*			
LCS Dup (P1G2004-BSD1)				Prepared & Analyzed: 07/20/21						
Benzene	0.116	0.00100	mg/kg wet	0.100		116	70-130	2.44	20	
Toluene	0.101	0.00100	"	0.100		101	70-130	6.25	20	
Ethylbenzene	0.101	0.00100	"	0.100		101	70-130	7.02	20	
Xylene (p/m)	0.178	0.00200	"	0.200		89.2	70-130	6.45	20	
Xylene (o)	0.0927	0.00100	"	0.100		92.7	70-130	8.01	20	
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.106*		*"*	*0.120*		*88.2*	*80-120*			
Calibration Blank (P1G2004-CCB1)				Prepared & Analyzed: 07/20/21						
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	*0.132*		*"*	*0.120*		*110*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.119*		*"*	*0.120*		*98.8*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G2004 - * DEFAULT PREP *** **										
Calibration Blank (P1G2004-CCB2)				Prepared: 07/20/21 Analyzed: 07/21/21						
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	*0.129*		"	*0.120*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.120*		*93.6*	*80-120*			
Calibration Check (P1G2004-CCV1)				Prepared & Analyzed: 07/20/21						
Benzene	0.118	0.00100	mg/kg wet	0.100		118	80-120			
Toluene	0.106	0.00100	"	0.100		106	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.185	0.00200	"	0.200		92.4	80-120			
Xylene (o)	0.0999	0.00100	"	0.100		99.9	80-120			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.1*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.105*		"	*0.120*		*87.9*	*75-125*			
Calibration Check (P1G2004-CCV2)				Prepared: 07/20/21 Analyzed: 07/21/21						
Benzene	0.120	0.00100	mg/kg wet	0.100		120	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.195	0.00200	"	0.200		97.7	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.2*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.109*		"	*0.120*		*90.5*	*75-125*			
Calibration Check (P1G2004-CCV3)				Prepared: 07/20/21 Analyzed: 07/21/21						
Benzene	0.120	0.00100	mg/kg wet	0.100		120	80-120			
Toluene	0.110	0.00100	"	0.100		110	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.188	0.00200	"	0.200		93.8	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 1,4-Difluorobenzene	*0.117*		"	*0.120*		*97.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.108*		"	*0.120*		*89.8*	*75-125*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G2004 - * DEFAULT PREP *** **										
Matrix Spike (P1G2004-MS1)	**Source: 1G19004-07**			Prepared: 07/20/21 Analyzed: 07/21/21						
Benzene	0.117	0.00110	mg/kg dry	0.110	ND	106	80-120			
Toluene	0.0770	0.00110	"	0.110	ND	70.0	80-120			QM-07
Ethylbenzene	0.0219	0.00110	"	0.110	ND	20.0	80-120			QM-07
Xylene (p/m)	0.0790	0.00220	"	0.220	ND	36.0	80-120			QM-07
Xylene (o)	0.0833	0.00110	"	0.110	ND	75.8	80-120			QM-07
Surrogate: 1,4-Difluorobenzene	*0.138*		"	*0.132*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.133*		"	*0.132*		*101*	*80-120*			
Matrix Spike Dup (P1G2004-MSD1)	**Source: 1G19004-07**			Prepared: 07/20/21 Analyzed: 07/21/21						
Benzene	0.114	0.00110	mg/kg dry	0.110	ND	103	80-120	2.96	20	
Toluene	0.0727	0.00110	"	0.110	ND	66.2	80-120	5.71	20	QM-07
Ethylbenzene	0.0106	0.00110	"	0.110	ND	9.64	80-120	69.7	20	QM-07, R2
Xylene (p/m)	0.108	0.00220	"	0.220	ND	49.1	80-120	30.9	20	QM-07, R2
Xylene (o)	0.0866	0.00110	"	0.110	ND	78.8	80-120	3.87	20	QM-07
Surrogate: 1,4-Difluorobenzene	*0.138*		"	*0.132*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.133*		"	*0.132*		*101*	*80-120*			
Batch P1G2202 - * DEFAULT PREP *** **										
Blank (P1G2202-BLK1)				Prepared & Analyzed: 07/22/21						
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: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*96.0*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.128*		"	*0.120*		*106*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G2202 - * DEFAULT PREP *** **										
LCS (P1G2202-BS1)				Prepared & Analyzed: 07/22/21						
Benzene	0.120	0.00100	mg/kg wet	0.100		120	70-130			
Toluene	0.117	0.00100	"	0.100		117	70-130			
Ethylbenzene	0.119	0.00100	"	0.100		119	70-130			
Xylene (p/m)	0.212	0.00200	"	0.200		106	70-130			
Xylene (o)	0.110	0.00100	"	0.100		110	70-130			
Surrogate: 4-Bromofluorobenzene	*0.113*		"	*0.120*		*94.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.115*		"	*0.120*		*96.0*	*80-120*			
LCS Dup (P1G2202-BSD1)				Prepared & Analyzed: 07/22/21						
Benzene	0.115	0.00100	mg/kg wet	0.100		115	70-130	4.27	20	
Toluene	0.108	0.00100	"	0.100		108	70-130	7.56	20	
Ethylbenzene	0.112	0.00100	"	0.100		112	70-130	5.66	20	
Xylene (p/m)	0.198	0.00200	"	0.200		98.8	70-130	7.08	20	
Xylene (o)	0.102	0.00100	"	0.100		102	70-130	7.93	20	
Surrogate: 4-Bromofluorobenzene	*0.111*		"	*0.120*		*92.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.116*		"	*0.120*		*96.9*	*80-120*			
Calibration Blank (P1G2202-CCB1)				Prepared & Analyzed: 07/22/21						
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	*0.125*		"	*0.120*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.111*		"	*0.120*		*92.9*	*80-120*			
Calibration Blank (P1G2202-CCB2)				Prepared & Analyzed: 07/22/21						
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	*0.133*		"	*0.120*		*111*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G2202 - * DEFAULT PREP *** **										
Calibration Blank (P1G2202-CCB3)				Prepared & Analyzed: 07/22/21						
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	*0.112*		*"*	*0.120*		*93.1*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.120*		*106*	*80-120*			
Calibration Check (P1G2202-CCV1)				Prepared & Analyzed: 07/22/21						
Benzene	0.120	0.00100	mg/kg wet	0.100		120	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)	0.200	0.00200	"	0.200		100	80-120			
Xylene (o)	0.105	0.00100	"	0.100		105	80-120			
Surrogate: 1,4-Difluorobenzene	*0.117*		*"*	*0.120*		*97.3*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.115*		*"*	*0.120*		*95.9*	*75-125*			
Calibration Check (P1G2202-CCV2)				Prepared & Analyzed: 07/22/21						
Benzene	0.117	0.00100	mg/kg wet	0.100		117	80-120			
Toluene	0.102	0.00100	"	0.100		102	80-120			
Ethylbenzene	0.102	0.00100	"	0.100		102	80-120			
Xylene (p/m)	0.176	0.00200	"	0.200		88.0	80-120			
Xylene (o)	0.0960	0.00100	"	0.100		96.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*94.0*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.1*	*75-125*			
Calibration Check (P1G2202-CCV3)				Prepared & Analyzed: 07/22/21						
Benzene	0.119	0.00100	mg/kg wet	0.100		119	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.104	0.00100	"	0.100		104	80-120			
Xylene (p/m)	0.182	0.00200	"	0.200		90.8	80-120			
Xylene (o)	0.0996	0.00100	"	0.100		99.6	80-120			
Surrogate: 4-Bromofluorobenzene	*0.110*		*"*	*0.120*		*91.8*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.116*		*"*	*0.120*		*96.8*	*75-125*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G2202 - * DEFAULT PREP *** **										
Matrix Spike (P1G2202-MS1)	**Source: 1G20010-01**			Prepared & Analyzed: 07/22/21						
Benzene	0.103	0.00116	mg/kg dry	0.116	ND	88.7	80-120			
Toluene	0.0947	0.00116	"	0.116	ND	81.5	80-120			
Ethylbenzene	0.0938	0.00116	"	0.116	ND	80.6	80-120			
Xylene (p/m)	0.169	0.00233	"	0.233	ND	72.7	80-120			QM-07
Xylene (o)	0.0884	0.00116	"	0.116	ND	76.1	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	*0.132*		"	*0.140*		*94.3*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.136*		"	*0.140*		*97.7*	*80-120*			
Matrix Spike Dup (P1G2202-MSD1)	**Source: 1G20010-01**			Prepared & Analyzed: 07/22/21						
Benzene	0.116	0.00116	mg/kg dry	0.116	ND	100	80-120	12.1	20	
Toluene	0.106	0.00116	"	0.116	ND	91.6	80-120	11.7	20	
Ethylbenzene	0.106	0.00116	"	0.116	ND	91.3	80-120	12.4	20	
Xylene (p/m)	0.190	0.00233	"	0.233	ND	81.8	80-120	11.8	20	
Xylene (o)	0.0995	0.00116	"	0.116	ND	85.6	80-120	11.8	20	
Surrogate: 4-Bromofluorobenzene	*0.136*		"	*0.140*		*97.2*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.141*		"	*0.140*		*101*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G2211 - * DEFAULT PREP *** **										
Blank (P1G2211-BLK1)				Prepared & Analyzed: 07/22/21						
% Moisture	ND	0.1	%							
Blank (P1G2211-BLK2)				Prepared & Analyzed: 07/22/21						
% Moisture	ND	0.1	%							
Blank (P1G2211-BLK3)				Prepared & Analyzed: 07/22/21						
% Moisture	ND	0.1	%							
Duplicate (P1G2211-DUP1)	**Source: 1G16005-15**			Prepared & Analyzed: 07/22/21						
% Moisture	18.0	0.1	%		18.0			0.00	20	
Duplicate (P1G2211-DUP2)	**Source: 1G16005-25**			Prepared & Analyzed: 07/22/21						
% Moisture	22.0	0.1	%		22.0			0.00	20	
Duplicate (P1G2211-DUP3)	**Source: 1G16005-40**			Prepared & Analyzed: 07/22/21						
% Moisture	3.0	0.1	%		3.0			0.00	20	
Duplicate (P1G2211-DUP4)	**Source: 1G16005-50**			Prepared & Analyzed: 07/22/21						
% Moisture	15.0	0.1	%		15.0			0.00	20	
Duplicate (P1G2211-DUP5)	**Source: 1G20002-01**			Prepared & Analyzed: 07/22/21						
% Moisture	14.0	0.1	%		14.0			0.00	20	
Duplicate (P1G2211-DUP6)	**Source: 1G20003-06**			Prepared & Analyzed: 07/22/21						
% Moisture	2.0	0.1	%		3.0			40.0	20	R3
Batch P1G2703 - * DEFAULT PREP *** **										
LCS (P1G2703-BS1)				Prepared & Analyzed: 07/27/21						
Chloride	414	1.00	mg/kg wet	400		104	90-110			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1G2703 - * DEFAULT PREP *** **										
LCS Dup (P1G2703-BSD1)				Prepared & Analyzed: 07/27/21						
Chloride	415	1.00	mg/kg wet	400		104	90-110	0.159	20	
Matrix Spike (P1G2703-MS1)		**Source: 1G20002-01**		Prepared & Analyzed: 07/27/21						
Chloride	543	1.16	mg/kg dry	581	27.6	88.7	80-120			
Matrix Spike (P1G2703-MS2)		**Source: 1G20003-06**		Prepared: 07/27/21 Analyzed: 07/28/21						
Chloride	687	1.03	mg/kg dry	515	227	89.2	80-120			
Matrix Spike Dup (P1G2703-MSD1)		**Source: 1G20002-01**		Prepared & Analyzed: 07/27/21						
Chloride	544	1.16	mg/kg dry	581	27.6	88.9	80-120	0.212	20	
Matrix Spike Dup (P1G2703-MSD2)		**Source: 1G20003-06**		Prepared: 07/27/21 Analyzed: 07/28/21						
Chloride	690	1.03	mg/kg dry	515	227	89.7	80-120	0.416	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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 P1G2206 - TX 1005										
Blank (P1G2206-BLK1)				Prepared: 07/22/21 Analyzed: 07/23/21						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*102*		*"*	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*50.3*		*"*	*50.0*		*101*	*70-130*			
LCS (P1G2206-BS1)				Prepared: 07/22/21 Analyzed: 07/23/21						
C6-C12	1120	25.0	mg/kg wet	1000		112	75-125			
>C12-C28	1030	25.0	"	1000		103	75-125			
Surrogate: 1-Chlorooctane	*104*		*"*	*100*		*104*	*70-130*			
Surrogate: o-Terphenyl	*54.6*		*"*	*50.0*		*109*	*70-130*			
LCS Dup (P1G2206-BSD1)				Prepared: 07/22/21 Analyzed: 07/23/21						
C6-C12	1070	25.0	mg/kg wet	1000		107	75-125	5.20	20	
>C12-C28	1040	25.0	"	1000		104	75-125	0.330	20	
Surrogate: 1-Chlorooctane	*127*		*"*	*100*		*127*	*70-130*			
Surrogate: o-Terphenyl	*49.6*		*"*	*50.0*		*99.1*	*70-130*			
Calibration Check (P1G2206-CCV1)				Prepared: 07/22/21 Analyzed: 07/23/21						
C6-C12	495	25.0	mg/kg wet	500		99.0	85-115			
>C12-C28	545	25.0	"	500		109	85-115			
Surrogate: 1-Chlorooctane	*115*		*"*	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*50.0*		*"*	*50.0*		*100*	*70-130*			
Calibration Check (P1G2206-CCV2)				Prepared: 07/22/21 Analyzed: 07/23/21						
C6-C12	464	25.0	mg/kg wet	500		92.8	85-115			
>C12-C28	516	25.0	"	500		103	85-115			
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*47.6*		*"*	*50.0*		*95.2*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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 P1G2206 - TX 1005										
Matrix Spike (P1G2206-MS1)	**Source: 1G20003-08**			Prepared: 07/22/21 Analyzed: 07/23/21						
C6-C12	1130	26.9	mg/kg dry	1080	12.5	104	75-125			
>C12-C28	1020	26.9	"	1080	10.7	94.3	75-125			
Surrogate: 1-Chlorooctane	*115*		*"*	*108*		*107*	*70-130*			
Surrogate: o-Terphenyl	*58.4*		*"*	*53.8*		*109*	*70-130*			
Matrix Spike Dup (P1G2206-MSD1)	**Source: 1G20003-08**			Prepared: 07/22/21 Analyzed: 07/23/21						
C6-C12	1130	26.9	mg/kg dry	1080	12.5	104	75-125	0.361	20	
>C12-C28	1040	26.9	"	1080	10.7	95.9	75-125	1.65	20	
Surrogate: 1-Chlorooctane	*115*		*"*	*108*		*107*	*70-130*			
Surrogate: o-Terphenyl	*57.8*		*"*	*53.8*		*107*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

Notes and Definitions

ROI	Received on Ice
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
R2	The RPD exceeded the acceptance limit.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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: Brent Barron Date: 8/2/2021

Brent Barron, Laboratory Director/Technical Director

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

LTB CK W

PBELAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Tim McMinn

Company Name: Etech Environmental and Safety Solutions, Inc.

Company Address: 13000 W CR 100

City/State/Zip: Odessa, Texas 79765

Telephone No: (432)230-3763 Fax No:

Sampler Signature: Matt Chan

e-mail: Matt@etechenv.com
tim@etechenv.com

Centennial
Project Name: Romeo Fed COM 1H ROW

Project #: 13445

Project Loc: Lea, Co. NM

PO #:

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 1G20003

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total #. of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 8015B (8015M) 418.1	TOTAL: TPH: TX 1005 Ext TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B 5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300		RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	BH-12 @ 8"			7-14-21	1017		1	X								S	X								X			X			X
2	BH-13 @ 8"			7-14-21	1053		1	X								S	X								X			X			X
3	BH-14 @ 6"			7-14-21	1200		1	X								S	X								X			X			X
4	MH BH-15 @ 6"			7-14-21	1300		1	X								S	X								X			X			X
5	MH BH-16 @ 6"			7-14-21	702		1	X								S	X								X			X			X
6	MH NW-4 @ 3'			7-14-21	1400		1	X								S	X								X			X			X
7	MH WW-2 @ 3'			7-14-21	1300		1	X								S	X								X			X			X
8	BH-17 @ 8"			7-14-21	1325		1	X								S	X								X			X			X

Special Instructions:
Bill to Centennial Resource

Relinquished by:	Date	Time	Received by:	Date	Time
Matt Chan	7/20/21	11:17			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by PBE:	Date	Time
			Thresa Bledsoe	7/20/21	11:17

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Labels on container(s) Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered Y N
by Sampler/Client Rep.? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt:
Received 4.9 CF+1
Corrected 5.9 LZ

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

PBELAB

Analytical Report

Prepared for:

Tim McMinn

E Tech Environmental & Safety Solutions, Inc. [1]

13000 West County Road 100

Odessa, TX 79765

Project: Romeo Fed Com 1H ROW

Project Number: 13445

Location: NM

Lab Order Number: 1H13002

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 08/25/21

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-1 @ 30"	1H13002-01	Soil	08/10/21 11:45	08-12-2021 16:26
Stockpile East	1H13002-02	Soil	08/11/21 13:45	08-12-2021 16:26
Stockpile West	1H13002-03	Soil	08/11/21 14:00	08-12-2021 16:26

Due to Instrumentation issues, the Reporting Limit for Toluene has been raised to 0.01 mg/Kg

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

BH-1 @ 30''

1H13002-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
General Chemistry Parameters by EPA / Standard Methods									
% Moisture	**2.0**	0.1	%	1	P1H2002	08/20/21 11:51	08/20/21 11:56	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P1H1801	08/18/21 10:40	08/23/21 18:35	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1H1801	08/18/21 10:40	08/23/21 18:35	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1H1801	08/18/21 10:40	08/23/21 18:35	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.1 %*	*70-130*		*P1H1801*	*08/18/21 10:40*	*08/23/21 18:35*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.6 %*	*70-130*		*P1H1801*	*08/18/21 10:40*	*08/23/21 18:35*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	08/18/21 10:40	08/23/21 18:35	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

Stockpile East

1H13002-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1H2003	08/20/21 12:15	08/20/21 18:53	EPA 8021B	
Toluene	ND	0.0103	mg/kg dry	1	P1H2003	08/20/21 12:15	08/20/21 18:53	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1H2003	08/20/21 12:15	08/20/21 18:53	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1H2003	08/20/21 12:15	08/20/21 18:53	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1H2003	08/20/21 12:15	08/20/21 18:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*80-120*		*P1H2003*	*08/20/21 12:15*	*08/20/21 18:53*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P1H2003*	*08/20/21 12:15*	*08/20/21 18:53*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1450**	5.15	mg/kg dry	5	P1H2202	08/22/21 15:12	08/23/21 05:58	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P1H2002	08/20/21 11:51	08/20/21 11:56	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P1H1801	08/18/21 10:40	08/23/21 18:57	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1H1801	08/18/21 10:40	08/23/21 18:57	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1H1801	08/18/21 10:40	08/23/21 18:57	TPH 8015M	
Surrogate: 1-Chlorooctane		*86.4 %*	*70-130*		*P1H1801*	*08/18/21 10:40*	*08/23/21 18:57*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.9 %*	*70-130*		*P1H1801*	*08/18/21 10:40*	*08/23/21 18:57*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	08/18/21 10:40	08/23/21 18:57	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

Stockpile West

1H13002-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P1H2003	08/20/21 12:15	08/20/21 19:14	EPA 8021B	
Toluene	ND	0.0104	mg/kg dry	1	P1H2003	08/20/21 12:15	08/20/21 19:14	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P1H2003	08/20/21 12:15	08/20/21 19:14	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P1H2003	08/20/21 12:15	08/20/21 19:14	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P1H2003	08/20/21 12:15	08/20/21 19:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*94.8 %*	*80-120*		*P1H2003*	*08/20/21 12:15*	*08/20/21 19:14*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P1H2003*	*08/20/21 12:15*	*08/20/21 19:14*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**968**	5.21	mg/kg dry	5	P1H2202	08/22/21 15:12	08/23/21 06:14	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P1H2002	08/20/21 11:51	08/20/21 11:56	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P1H1801	08/18/21 10:40	08/20/21 23:09	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P1H1801	08/18/21 10:40	08/20/21 23:09	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P1H1801	08/18/21 10:40	08/20/21 23:09	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P1H1801*	*08/18/21 10:40*	*08/20/21 23:09*	*TPH 8015M*	
Surrogate: o-Terphenyl		*118 %*	*70-130*		*P1H1801*	*08/18/21 10:40*	*08/20/21 23:09*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	08/18/21 10:40	08/20/21 23:09	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1H2003 - * DEFAULT PREP *** **										
Blank (P1H2003-BLK1)				Prepared & Analyzed: 08/20/21						
Benzene	ND	0.00100	mg/kg wet							
Toluene	0.00556	0.00100	"							O-09
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.124*		*"*	*0.120*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.111*		*"*	*0.120*		*92.2*	*80-120*			
LCS (P1H2003-BS1)				Prepared & Analyzed: 08/20/21						
Benzene	0.102	0.00100	mg/kg wet	0.100		102	70-130			
Toluene	0.101	0.00100	"	0.100		101	70-130			
Ethylbenzene	0.0954	0.00100	"	0.100		95.4	70-130			
Xylene (p/m)	0.198	0.00200	"	0.200		99.0	70-130			
Xylene (o)	0.0823	0.00100	"	0.100		82.3	70-130			
Surrogate: 4-Bromofluorobenzene	*0.105*		*"*	*0.120*		*87.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.118*		*"*	*0.120*		*98.8*	*80-120*			
LCS Dup (P1H2003-BSD1)				Prepared & Analyzed: 08/20/21						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	70-130	0.404	20	
Toluene	0.101	0.00100	"	0.100		101	70-130	0.435	20	
Ethylbenzene	0.0959	0.00100	"	0.100		95.9	70-130	0.502	20	
Xylene (p/m)	0.198	0.00200	"	0.200		99.1	70-130	0.0808	20	
Xylene (o)	0.0811	0.00100	"	0.100		81.1	70-130	1.51	20	
Surrogate: 1,4-Difluorobenzene	*0.120*		*"*	*0.120*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.104*		*"*	*0.120*		*87.0*	*80-120*			
Calibration Check (P1H2003-CCV1)				Prepared & Analyzed: 08/20/21						
Benzene	0.0941	0.00100	mg/kg wet	0.100		94.1	80-120			
Toluene	0.0940	0.00100	"	0.100		94.0	80-120			
Ethylbenzene	0.0863	0.00100	"	0.100		86.3	80-120			
Xylene (p/m)	0.180	0.00200	"	0.200		89.9	80-120			
Xylene (o)	0.0810	0.00100	"	0.100		81.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.104*		*"*	*0.120*		*87.0*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.3*	*75-125*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1H2003 - * DEFAULT PREP *** **										
Calibration Check (P1H2003-CCV2)				Prepared & Analyzed: 08/20/21						
Benzene	0.0958	0.00100	mg/kg wet	0.100		95.8	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.0880	0.00100	"	0.100		88.0	80-120			
Xylene (p/m)	0.185	0.00200	"	0.200		92.3	80-120			
Xylene (o)	0.0810	0.00100	"	0.100		81.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.110*		"	*0.120*		*91.5*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*98.8*	*75-125*			
Calibration Check (P1H2003-CCV3)				Prepared: 08/20/21 Analyzed: 08/21/21						
Benzene	0.0978	0.00100	mg/kg wet	0.100		97.8	80-120			
Toluene	0.0968	0.00100	"	0.100		96.8	80-120			
Ethylbenzene	0.0864	0.00100	"	0.100		86.4	80-120			
Xylene (p/m)	0.184	0.00200	"	0.200		91.8	80-120			
Xylene (o)	0.0800	0.00100	"	0.100		80.0	80-120			
Surrogate: 4-Bromofluorobenzene	*0.103*		"	*0.120*		*86.1*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.118*		"	*0.120*		*98.4*	*75-125*			
Matrix Spike (P1H2003-MS1)		**Source: 1H13002-02**		Prepared: 08/20/21 Analyzed: 08/21/21						
Benzene	0.0801	0.00103	mg/kg dry	0.103	ND	77.7	80-120			QM-05
Toluene	0.0799	0.00103	"	0.103	ND	77.5	80-120			QM-05
Ethylbenzene	0.0749	0.00103	"	0.103	ND	72.6	80-120			QM-05
Xylene (p/m)	0.157	0.00206	"	0.206	ND	76.1	80-120			QM-05
Xylene (o)	0.0659	0.00103	"	0.103	ND	63.9	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.124*		*98.0*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.112*		"	*0.124*		*90.5*	*80-120*			
Matrix Spike Dup (P1H2003-MSD1)		**Source: 1H13002-02**		Prepared: 08/20/21 Analyzed: 08/21/21						
Benzene	0.0771	0.00103	mg/kg dry	0.103	ND	74.8	80-120	3.87	20	QM-05
Toluene	0.0767	0.00103	"	0.103	ND	74.4	80-120	4.04	20	QM-05
Ethylbenzene	0.0719	0.00103	"	0.103	ND	69.8	80-120	4.03	20	QM-05
Xylene (p/m)	0.149	0.00206	"	0.206	ND	72.5	80-120	4.93	20	QM-05
Xylene (o)	0.0628	0.00103	"	0.103	ND	60.9	80-120	4.89	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.111*		"	*0.124*		*89.5*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.124*		*98.1*	*80-120*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1H2002 - * DEFAULT PREP *** **										
Blank (P1H2002-BLK1)				Prepared & Analyzed: 08/20/21						
% Moisture	ND	0.1	%							
Blank (P1H2002-BLK2)				Prepared & Analyzed: 08/20/21						
% Moisture	ND	0.1	%							
Blank (P1H2002-BLK3)				Prepared & Analyzed: 08/20/21						
% Moisture	ND	0.1	%							
Blank (P1H2002-BLK4)				Prepared & Analyzed: 08/20/21						
% Moisture	ND	0.1	%							
Blank (P1H2002-BLK5)				Prepared & Analyzed: 08/20/21						
% Moisture	ND	0.1	%							
Duplicate (P1H2002-DUP1)	**Source: 1H13005-02**			Prepared & Analyzed: 08/20/21						
% Moisture	10.0	0.1	%		10.0			0.00	20	
Duplicate (P1H2002-DUP2)	**Source: 1H13005-12**			Prepared & Analyzed: 08/20/21						
% Moisture	12.0	0.1	%		12.0			0.00	20	
Duplicate (P1H2002-DUP3)	**Source: 1H13005-27**			Prepared & Analyzed: 08/20/21						
% Moisture	18.0	0.1	%		18.0			0.00	20	
Duplicate (P1H2002-DUP4)	**Source: 1H13005-37**			Prepared & Analyzed: 08/20/21						
% Moisture	9.0	0.1	%		10.0			10.5	20	
Duplicate (P1H2002-DUP5)	**Source: 1H13006-04**			Prepared & Analyzed: 08/20/21						
% Moisture	10.0	0.1	%		15.0			40.0	20	R3

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1H2002 - * DEFAULT PREP *** **										
Duplicate (P1H2002-DUP6)	**Source: 1H13006-14**			Prepared & Analyzed: 08/20/21						
% Moisture	5.0	0.1	%		6.0			18.2	20	
Duplicate (P1H2002-DUP7)	**Source: 1H16004-01**			Prepared & Analyzed: 08/20/21						
% Moisture	2.0	0.1	%		1.0			66.7	20	R3
Duplicate (P1H2002-DUP8)	**Source: 1H17002-03**			Prepared & Analyzed: 08/20/21						
% Moisture	16.0	0.1	%		16.0			0.00	20	
Batch P1H2202 - * DEFAULT PREP *** **										
Blank (P1H2202-BLK1)				Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	ND	1.00	mg/kg wet							
LCS (P1H2202-BS1)				Prepared & Analyzed: 08/22/21						
Chloride	399	1.00	mg/kg wet	400		99.9	90-110			
LCS Dup (P1H2202-BSD1)				Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	398	1.00	mg/kg wet	400		99.4	90-110	0.479	20	
Calibration Blank (P1H2202-CCB1)				Prepared & Analyzed: 08/22/21						
Chloride	0.00		mg/kg wet							
Calibration Check (P1H2202-CCV1)				Prepared & Analyzed: 08/22/21						
Chloride	20.1		mg/kg	20.0		100	90-110			
Calibration Check (P1H2202-CCV2)				Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	20.2		mg/kg	20.0		101	90-110			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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
Batch P1H2202 - * DEFAULT PREP *** **										
Calibration Check (P1H2202-CCV3)				Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	20.1		mg/kg	20.0		100	90-110			
Matrix Spike (P1H2202-MS1)		**Source: 1H12005-13**		Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	521	1.03	mg/kg dry	515	5.07	100	80-120			
Matrix Spike (P1H2202-MS2)		**Source: 1H13001-02**		Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	722	1.14	mg/kg dry	568	152	100	80-120			
Matrix Spike Dup (P1H2202-MSD1)		**Source: 1H12005-13**		Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	517	1.03	mg/kg dry	515	5.07	99.3	80-120	0.870	20	
Matrix Spike Dup (P1H2202-MSD2)		**Source: 1H13001-02**		Prepared: 08/22/21 Analyzed: 08/23/21						
Chloride	718	1.14	mg/kg dry	568	152	99.7	80-120	0.499	20	

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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 P1H1801 - TX 1005										
Blank (P1H1801-BLK1)				Prepared: 08/18/21 Analyzed: 08/20/21						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*89.6*		"	*100*		*89.6*	*70-130*			
Surrogate: o-Terphenyl	*48.0*		"	*50.0*		*96.0*	*70-130*			
LCS (P1H1801-BS1)				Prepared: 08/18/21 Analyzed: 08/20/21						
C6-C12	981	25.0	mg/kg wet	1000		98.1	75-125			
>C12-C28	947	25.0	"	1000		94.7	75-125			
Surrogate: 1-Chlorooctane	*115*		"	*100*		*115*	*70-130*			
Surrogate: o-Terphenyl	*52.1*		"	*50.0*		*104*	*70-130*			
LCS Dup (P1H1801-BSD1)				Prepared: 08/18/21 Analyzed: 08/20/21						
C6-C12	1010	25.0	mg/kg wet	1000		101	75-125	2.61	20	
>C12-C28	960	25.0	"	1000		96.0	75-125	1.31	20	
Surrogate: 1-Chlorooctane	*95.5*		"	*100*		*95.5*	*70-130*			
Surrogate: o-Terphenyl	*53.4*		"	*50.0*		*107*	*70-130*			
Calibration Check (P1H1801-CCV1)				Prepared: 08/18/21 Analyzed: 08/20/21						
C6-C12	479	25.0	mg/kg wet	500		95.8	85-115			
>C12-C28	501	25.0	"	500		100	85-115			
Surrogate: 1-Chlorooctane	*104*		"	*100*		*104*	*70-130*			
Surrogate: o-Terphenyl	*47.4*		"	*50.0*		*94.8*	*70-130*			
Calibration Check (P1H1801-CCV2)				Prepared: 08/18/21 Analyzed: 08/20/21						
C6-C12	510	25.0	mg/kg wet	500		102	85-115			
>C12-C28	551	25.0	"	500		110	85-115			
Surrogate: 1-Chlorooctane	*116*		"	*100*		*116*	*70-130*			
Surrogate: o-Terphenyl	*53.9*		"	*50.0*		*108*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	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 P1H1801 - TX 1005										
Duplicate (P1H1801-DUP1)	**Source: 1H12009-01**		Prepared: 08/18/21 Analyzed: 08/24/21							
C6-C12	376	263	mg/kg dry		474			23.2	20	R3
>C12-C28	10700	263	"		7560			34.6	20	R3
Surrogate: 1-Chlorooctane	*98.1*		*"*	*105*		*93.2*	*70-130*			
Surrogate: o-Terphenyl	*57.1*		*"*	*52.6*		*108*	*70-130*			

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

Notes and Definitions

ROI	Received on Ice
R3	The RPD exceeded the acceptance limit due to sample matrix effects.
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.
O-09	This compound is a common laboratory contaminant. Compound also present in method blank.
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: Brent Barron Date: 8/25/2021

Brent Barron, Laboratory Director/Technical Director

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Romeo Fed Com 1H ROW
13000 West County Road 100	Project Number: 13445
Odessa TX, 79765	Project Manager: Tim McMinn

PBLAB

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Permian Basin Environmental Lab, LP
10014 S. County Road 1213
Midland, Texas 79706

Phone: 432-661-4184

Project Manager: Tim McMinn

Company Name: Etech Environmental and Safety Solutions, Inc.

Company Address: 13000 W CR 100

City/State/Zip: Odessa, Texas 79765

Telephone No: (432)230-3763 Fax No:

Sampler Signature:

e-mail: Matt@etechenv.com
tim@etechenv.com

Project Name: Romeo Fed Com 1H ROW

Project #: 13445

Project Loc: NM

PO #: 50501

Report Format: ☒ Standard ☐ TRRP ☐ NPDES

(lab use only)
ORDER #: 1H13002

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge	GW=Groundwater S=Soil/Solid	NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 / 8015M	TOTAL: TPH: TX 1005 Ext / TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021 / 5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides E 300			RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
1	BH 1		30'	8/10	11:45	✓	1	✓								S			X														X
2	Stockpile East			8/11	1:45		1	✓								S			X								X			X				X
3	Stockpile West			8/11	2:00		1	✓								S			X								X			X				X

Special Instructions:
Bill to Centennial Resource

	Date	Time		Date	Time
Relinquished by: Matt Gomez	8/12/21	16:26	Received by:		
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by: Tessa Bledsoe	8/12/21	16:26

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep.?	Y	N

by Courier? UPS DHL FedEx Lone Star

Temperature Upon Receipt:
Received 4.1 °C
Adjusted 5.1 °C Thermometer CF+1 CC

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	
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 # *(assigned by OCD)*
Contact mailing address: 500 W. Illinois Ave, Suite 500, Midland Texas 79705	

Location of Release Source

Latitude 32.20880_____ Longitude -103.46360_____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Romeo FC 1H	Site Type: pipeline
Date Release Discovered: 11/15/20	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
D	22	24S	34E	Lea

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls)100bbls	Volume Recovered (bbls)5bbls
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release
A hole developed in the riser of a pw pipeline releasing fluids onto the ground.

State of New Mexico
Oil Conservation Division

Incident ID	
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Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Release of fluids greater than 25bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Email notification was given to Jim Griswold on 11/16/20.	

Initial Response

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

☒ The source of the release has been stopped.

☒ The impacted area has been secured to protect human health and the environment.

☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

☒ All free liquids and recoverable materials have been removed and managed appropriately.

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

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please a hottach 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: Jamon Hohensee Date: 11-17-20

email: jamon.hohensee@cdevinc.com Telephone: 432-241-4283

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nRM2033543713
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?	431 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☒ Yes ☐ No

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	nRM2033543713
District RP	
Facility ID	
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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: Nikki Mishler Date: 2/24/2022

email: Nikki.Mishler@cdevinc.com Telephone: 432-634-8722

OCD Only

Received by: Date:

State of New Mexico
Oil Conservation Division

Incident ID	nRM2033543713
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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: Nikki Mishler Date: 2/24/2022

email: Nikki.Mishler@cdevinc.com Telephone: 432-634-8722

OCD Only

Received by: _____ Date: _____

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

Signature: Jennifer Nobui Date: 03/01/2022

State of New Mexico
Oil Conservation Division

Incident ID	nRM2033543713
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: Senior Environmental Representative

Signature: Nikki Mishler Date: 4/5/2022

email: Nikki.Mishler@cdevinc.com Telephone: 432-634-8722

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: _____

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 96586

CONDITIONS

Operator: CENTENNIAL RESOURCE PRODUCTION, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 96586
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	4/20/2022