



CLOSURE REQUEST REPORT

J Keats 1 24 32 #040H
Lea County, New Mexico
Incident Number nAPP2307447383

Prepared For:
Chevron USA, Inc.
6301 Deauville Blvd.
Midland, TX 79706

Carlsbad • Midland • San Antonio • Lubbock • Hobbs • Lafayette

SYNOPSIS

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Chevron USA, Inc. (Chevron), presents the following Closure Request Report (CRR) detailing soil sampling activities for an inadvertent release of crude oil and produced water at the J Keats 1 24 32 #040H (Site). Based on completed remedial actions and laboratory analytical results from recent soil sampling events, Chevron is requesting No Further Action (NFA) at the Site.

SITE LOCATION AND BACKGROUND

The Site is located in Unit P, Section 01, Township 24 South, Range 32 East, in Lea County, New Mexico (32.2404213°, -103.6210556°) and is associated with oil and gas exploration and production operations on Federal Land managed by the Bureau of Land Management (BLM) (**Figure 1 in Appendix A**).

On March 14, 2023, failure of a well head stuffing box caused the release of approximately 2.065 barrels (bbls) of crude oil and 6.196 bbls of produced water onto the well pad surface. Only 0.5 bbls of crude oil were able to be recovered. Chevron reported the release to the New Mexico Oil Conservation Division (NMOCD) on a Corrective Action Form C-141 (Form C-141), which was received by the NMOCD on June 22, 2023, and was subsequently assigned Incident Number nAPP2307447383. **Figure 2 in Appendix A** depicts the observed release area, hereafter referred to as the Area of Concern (AOC).

SITE CHARACTERIZATION AND CLOSURE CRITERIA

Etech confirmed the Site was characterized according to Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, chapter 15, Part 29, Section 12 (19.15.29.12) of the New Mexico Administrative Code (NMAC) considering depth to groundwater and the proximity to:

- Any continuously flowing watercourse or any other significant watercourse;
- Any lakebed, sinkhole or playa lake (measured from the ordinary high-water mark);
- An occupied permanent residence, school, hospital, institution or church;
- A spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes;
- Any freshwater well or spring;
- Incorporated municipal boundaries or a defined municipal fresh water well field covered under a municipal ordinance;
- A wetland;
- A subsurface mine;
- An unstable area (i.e. high karst potential); and
- A 100-year floodplain.

Depth to groundwater at the Site is estimated to be greater than 55 feet below ground surface (bgs) based on a soil boring (labeled as GWDB) recently drilled by Scarborough Drilling, located approximately 0.12-miles northwest of the Site. The soil boring location may be referenced on **Figure 1 in Appendix A**. Using a truck mounted rotary drill rig equipped with air rotary, the soil boring was advanced to a total depth of 55 feet bgs. No fluids were observed throughout the drilling process. Referenced well records for the soil boring are provided in **Appendix B**.

All other potential receptors are not within the established buffers in NMAC 19.15.29.12. Receptor details and sources used for the site characterization are included in **Figure 1 in Appendix A**.

Based on the results from the desktop review and estimated regional depth to groundwater at the Site, the following Closure Criteria was applied:

Constituents of Concern (COCs)	Laboratory Analytical Method	Closure Criteria [†]
Chloride	(Environmental Protection Agency) EPA 300.0	10,000 milligrams per kilogram (mg/kg)
Total Petroleum Hydrocarbon (TPH)	EPA 8015 M/D	2,500 mg/kg
TPH-Gasoline Range Organics (GRO) + TPH-Diesel Range Organics (DRO)	EPA 8015 M/D	1,000 mg/kg
Benzene	EPA 8021B	10 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA 8021B	50 mg/kg

[†]The reclamation standard concentration requirements of 600 mg/kg chloride and 100 mg/kg TPH apply to the top 4 feet of areas to be immediately reclaimed following remediation pursuant to NMAC 19.15.17.13.

DELINEATION SOIL SAMPLING ACTIVITIES

On March 20, 2023, Etech personnel conducted delineation activities to verify the presence or absence of residual soil impacts associated with AOC. Five delineation auger holes were advanced via hand auger within and around the AOC. A minimum of three soil samples were collected from each delineation soil sampling location to submit for quantitative laboratory analyses. The locations of the delineation soil samples are shown in **Figure 2** in **Appendix A**. Photographic documentation of delineation activities is included in **Appendix C**.

The delineation soil samples were placed directly into lab provided pre-cleaned jars, packed with minimal void space, labeled, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures, to Permian Basin Environmental Laboratory (PBELAB) in Midland, Texas, for analysis of COCs.

DELINEATION LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for delineation soil samples within the AOC and immediately adjacent to the north and east of the AOC indicated elevated TPH-GRO/TPH-DRO and/or TPH concentrations present up to 0.5-foot bgs. Concentrations for all other COCs at the remaining sampling depths and sample locations were below the applicable Site Closure Criteria. Laboratory analytical results are summarized in **Table 1** included in **Appendix D**. The executed chain-of-custody forms and laboratory analytical reports are provided in **Appendix E**.

EXCAVATION SOIL SAMPLING ACTIVITIES

From June 16, 2023, through July 31, 2023, Etech personnel conducted excavation activities to address the impacts identified by delineation laboratory analytical results and visual observations via mechanical equipment. Excavation activities were driven by field screening soil for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using HACH® chloride QuanTab® test strips.

Following the removal of soil, Etech collected 5-point composite confirmation excavation soil samples at a sampling frequency of 200 square feet from the excavation floor and sidewalls. The 5-point composite samples were comprised of five equivalent aliquots homogenized in a 1-gallon, resealable plastic bag. The excavation samples were collected, handled, and analyzed as previously described. The location of confirmation excavation soil samples is shown in **Figure 2** in **Appendix A**.

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Impacted soil was removed from the Site and transported to a licensed and approved New Mexico landfill. Upon receipt of the final confirmation excavation soil samples results, the excavation was backfilled with clean, locally sourced soil and the Site was restored to "as close to its original state" as possible. Photographic documentation of excavation activities is included in **Appendix C**.

EXCAVATION LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for all excavation soil samples indicated all analyzed COCs were below the applicable Site Closure Criteria. Laboratory analytical results are summarized in **Table 1** included in **Appendix D**. The executed chain-of-custody forms and laboratory analytical reports are provided in **Appendix E**.

It should be noted that due to a shipping error, soil samples collected on June 30, 2023, were not received by PBELAB until July 7, 2023. The soil samples were prepared for analysis of TPH on July 10, 2023, and for BTEX and chloride on July 11, 2023. Analyses for TPH and chloride were completed the day following each respective soil sample preparation date, which produced results within the appropriate soil sample hold-times. However, Benzene and BTEX were not analyzed until July 13, 2023, which was outside of the respective hold-time. As a result, the confirmation excavation soil samples were recollected on July 31, 2023, and analyzed for BTEX to produce valid laboratory analytical results. Record of the shipping error is documented under lab order number 3G07012 (affecting confirmation excavation soil samples collected June 30, 2023) and provided in the laboratory analytical reports in **Appendix E**.

CLOSURE REQUEST

Based on laboratory analytical results for delineation and excavation soil samples, Chevron believes impacts associated with the inadvertent release have been delineated, excavated, and removed from the Site. The completed remedial actions at the Site have met the requirements set forth in NMAC regulations in order to be protective of human health, the environment and ground water. As such, NFA appears warranted at this time and the CRR associated with Incident Number nAPP2307447383 should be respectfully considered for Closure by the NMOCD.

If you have any questions or comments, please do not hesitate to contact Blake Estep at (432) 894-6038 or blake@etechenvironment.com. **Appendix F** provides correspondence email notification receipts associated with the subject release.

Sincerely,
Etech Environmental and Safety Solutions, Inc.



Blake Estep, Project Manager

cc: Amy Barnhill, Chevron
New Mexico Oil Conservation Division
Bureau of Land Management

Appendices:

- Appendix A:** Figure 1: Site Map
Figure 2: Delineation Soil Sample Locations
Figure 3: Excavation Soil Sample Locations
- Appendix B:** Referenced Well Records
- Appendix C:** Photographic Log
- Appendix D:** Tables
- Appendix E:** Laboratory Analytical Reports & Chain-of-Custody Documentation
- Appendix F:** NMOCD Notifications

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APPENDIX A

Figures

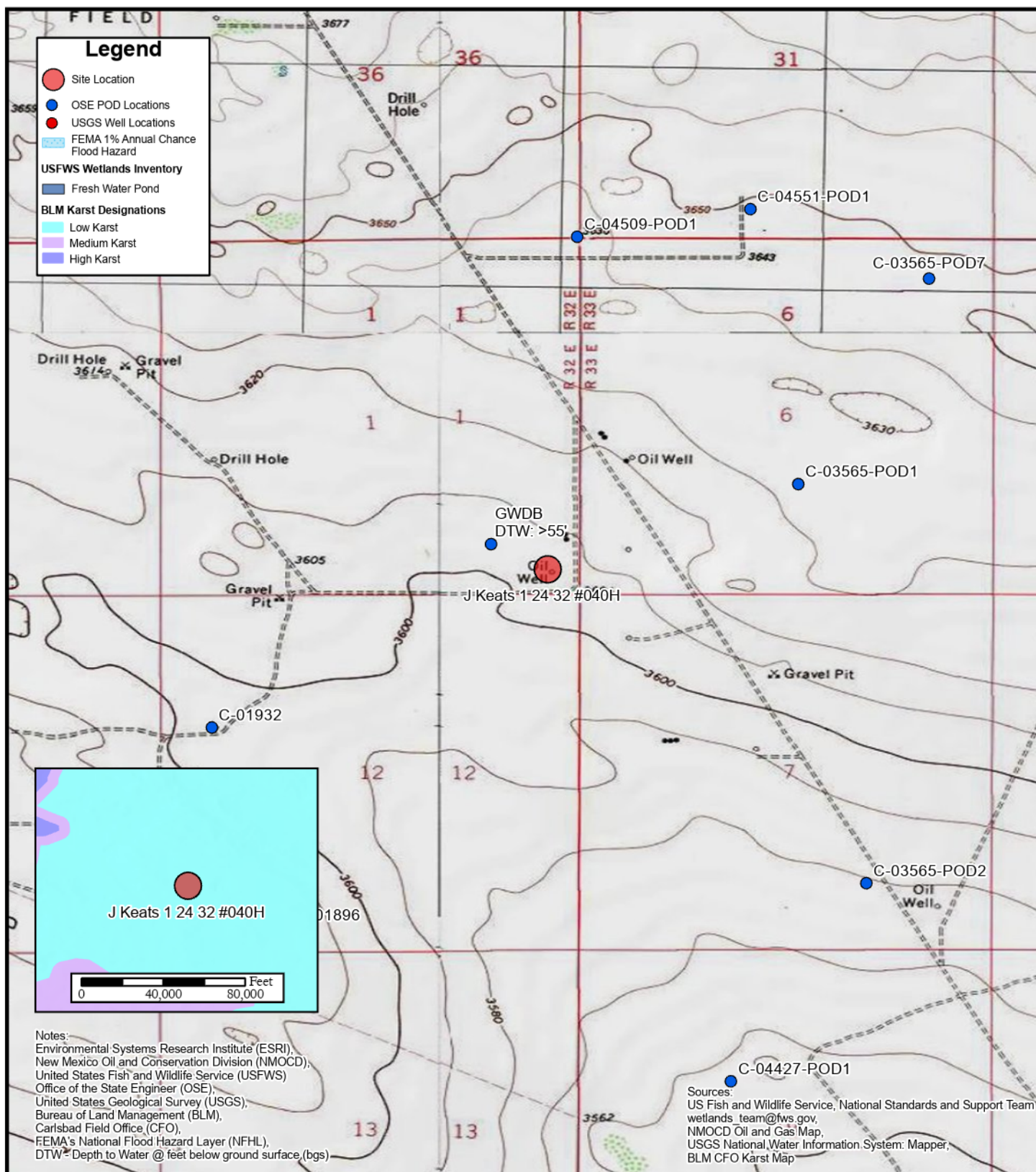


FIGURE 1

Site Map

Chevron USA, Inc.
 J Keats 1 24 32 #040H
 Unit P Sec 01 T24S R32E
 Lea County, New Mexico

eTECH



0 1,000 2,000 Feet

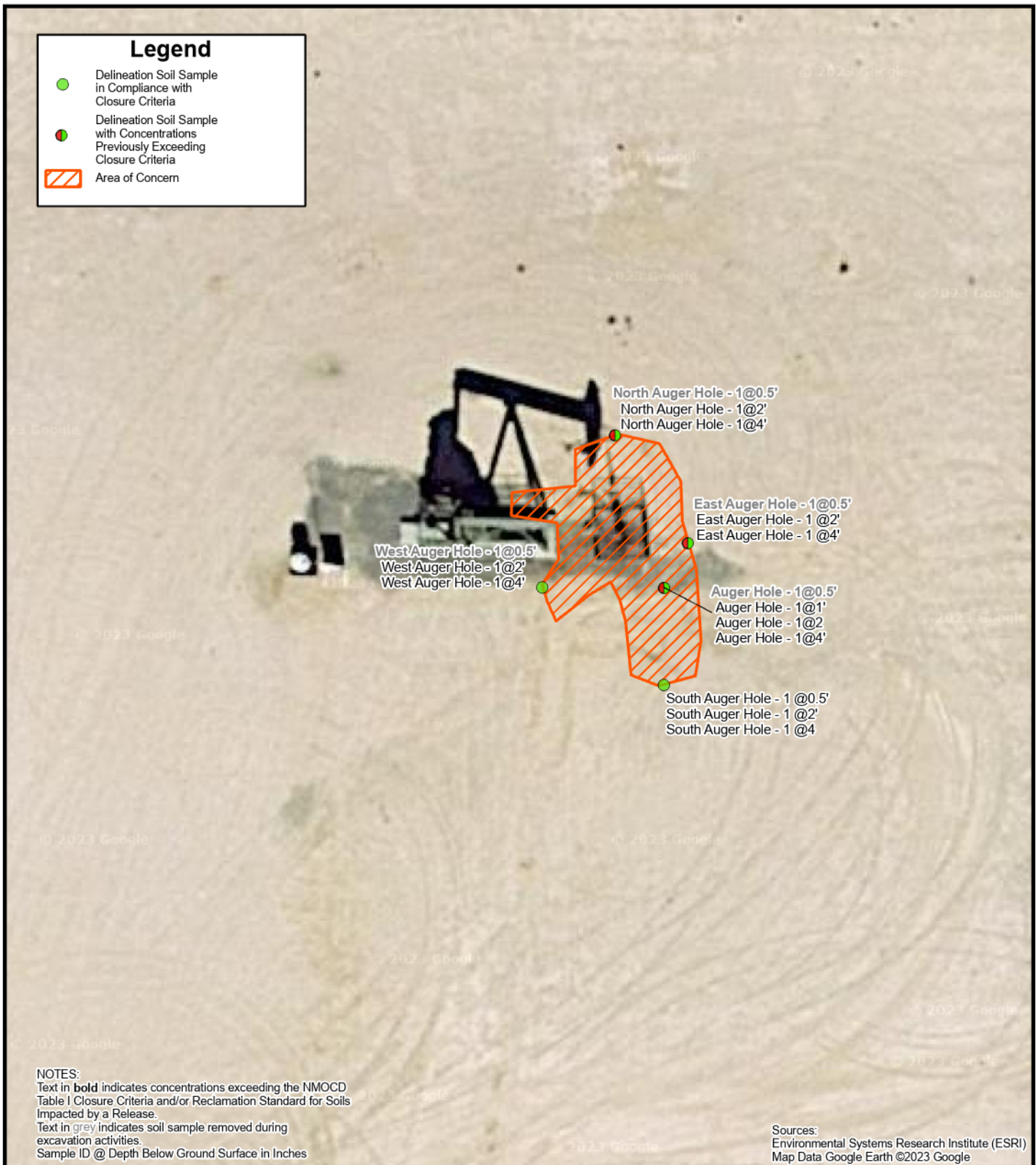
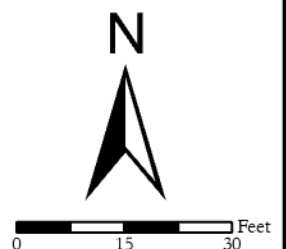


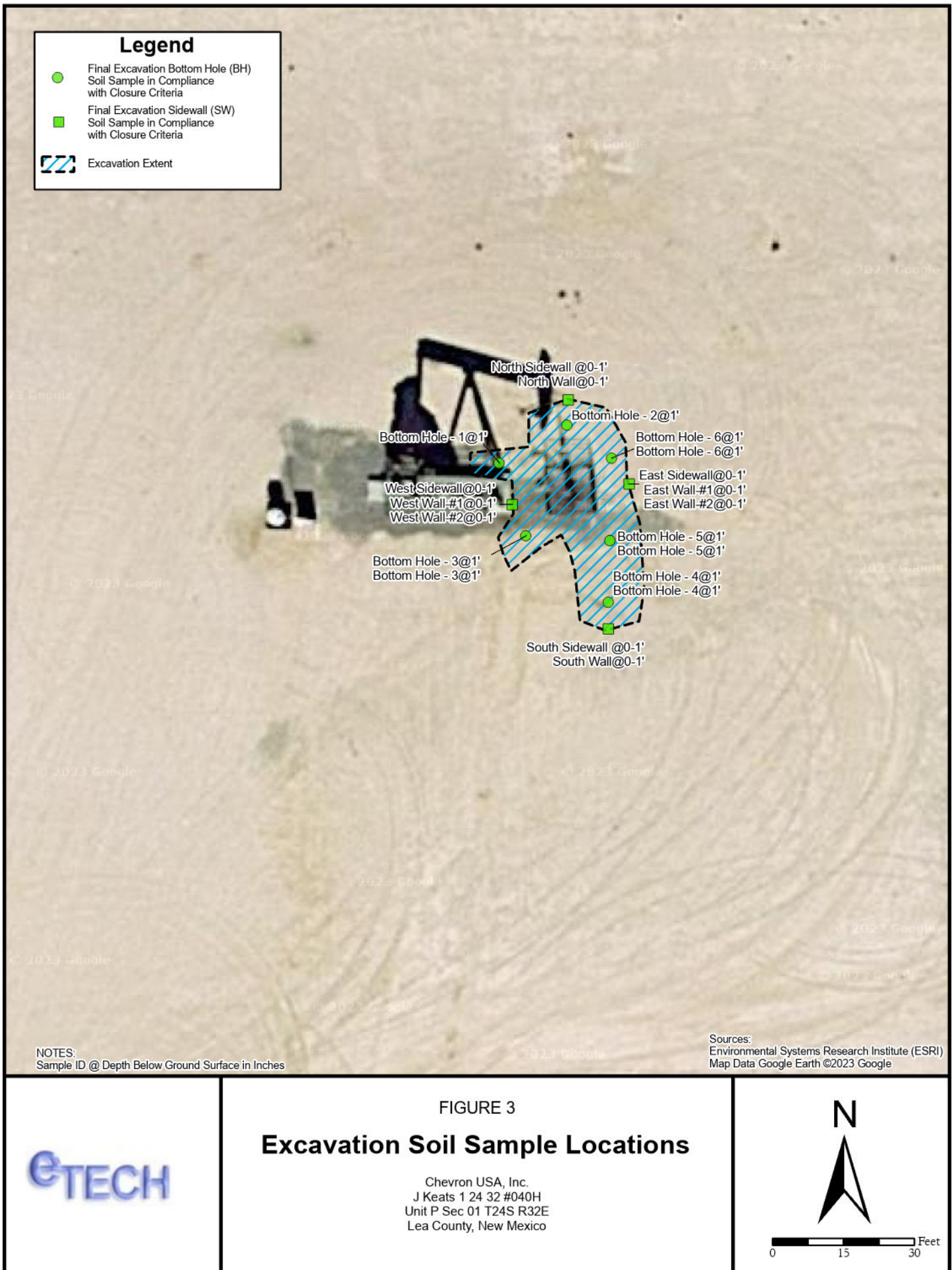
FIGURE 2

Delineation Soil Sample Locations

Chevron USA, Inc.
 J Keats 1 24 32 #040H
 Unit P Sec 01 T24S R32E
 Lea County, New Mexico



eTECH



APPENDIX B

Referenced Well Records

212C-MD-02921		TETRA TECH		LOG OF BORING DTW			Page 1 of 1	
Project Name: Shurvessa Interconnect Release								
Borehole Location/GPS Coordinate: 32.241447, -103.623363				Surface Elevation: ft				
Borehole Number: GWDB			Borehole Diameter (in.):		Date Started: 12/1/2022		Date Finished: 12/1/2022	

DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm)	VOC FIELD SCREENING (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS		
												While Drilling <u>▽</u> DRY ft Upon Completion of Drilling <u>▽</u> DRY ft		
												Remarks:		
MATERIAL DESCRIPTION												DEPTH (ft)	REMARKS	
5												-SM- TOPSOIL (Sand): Reddish brown, loose, dry	4	
												-SM- SAND: Brown, loose, dry	8	
10												-SM- SAND: Brown to reddish brown, medium dense, dry, moderately cemented, with frequent clay seams	20	
15												-SM- SAND: Brown, very loose, dry, trace gravel		
20														
25														
30														
35														
40												-- Transitions to with occasional cemented layers		
45														
50														
55														

Bottom of borehole at 55.0 feet.

Sampler Types: <input checked="" type="checkbox"/> Split Spoon <input type="checkbox"/> Shelby <input type="checkbox"/> Bulk Sample <input type="checkbox"/> Grab Sample	<input type="checkbox"/> Acetate Liner <input type="checkbox"/> Vane Shear <input checked="" type="checkbox"/> Discrete Sample <input type="checkbox"/> Test Pit	Operation Types: <input type="checkbox"/> Mud Rotary <input type="checkbox"/> Continuous Flight Auger <input type="checkbox"/> Wash Rotary	<input type="checkbox"/> Hand Auger <input type="checkbox"/> Air Rotary <input type="checkbox"/> Direct Push <input type="checkbox"/> Core Barrel	Notes: Surface elevation is an estimated value from Google Earth data.
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Logger: Joe Tyler	Drilling Equipment: Air Rotary	Driller: Scarborough Drilling
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APPENDIX C

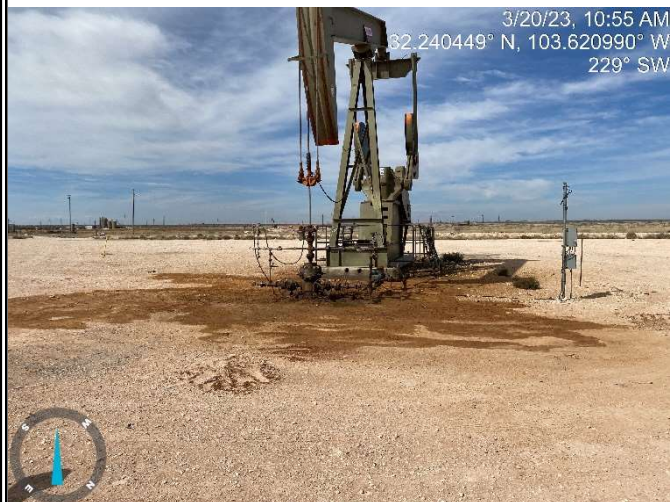
Photographic Log

**PHOTOGRAPHIC LOG**

Chevron USA, Inc.

J Keats 1 24 32 #040H

Incident Number nAPP2307447383

**Photograph 1****Date: 03/20/2023**

Description: Northwestern view of delineation activities.

**Photograph 2****Date: 06/16/2023**

Description: Northeastern view of excavation activities.

**Photograph 3****Date: 06/30/2023**

Description: Northwestern view of excavation activities.

**Photograph 4****Date: 08/25/2023**

Description: Northwestern view of restoration activities.

APPENDIX D

Tables



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Chevron USA Inc.
J Keats1 24 32 #040H
Lea County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Sample Depth (inches bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)				10	50	NE	NE	NE	1,000	2,500	10,000
Delineation Soil Samples - Incident Number nAPP2307447383											
Auger Hole -1	03/20/2023	0.5	6	7.79	285	4,200	40,300	8,200	44,500	52,700	2,290
Auger Hole -1	03/20/2023	1	12	<0.00104	0.00206	<26.0	46.2	33.1	46.2	79.3	279
Auger Hole -1	03/20/2023	2	24	<0.00103	<0.00206	<25.8	<25.8	<25.8	<25.8	<25.8	150
Auger Hole -1	03/20/2023	4	48	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	<26.6	556
North Auger Hole-1	03/20/2023	0.5	6	0.00114	0.00213	<26.6	1,830	532	1, 830	2,360	519
North Auger Hole-1	03/20/2023	2	24	0.00913	0.26853	<25.8	745	283	745	1,030	265
North Auger Hole-1	03/20/2023	4	48	<0.00103	<0.00206	<25.8	<25.8	<25.8	<25.8	<25.8	99.3
East Auger Hole-1	03/20/2023	0.5	6	0.0204	0.457	194	12,900	2,310	13,100	15,400	1,620
East Auger Hole-1	03/20/2023	2	24	<0.00103	<0.00206	<25.8	35.8	<25.8	35.8	35.8	117
East Auger Hole-1	03/20/2023	4	48	<0.00103	<0.00206	<25.8	<25.8	<25.8	<25.8	<25.8	85.8
South Auger Hole-1	03/20/2023	0.5	6	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	<26.6	130
South Auger Hole-1	03/20/2023	2	24	<0.00104	<0.00208	<26.0	<26.0	<26.0	<26.0	<26.0	102
South Auger Hole-1	03/20/2023	4	48	<0.00108	<0.00215	<26.9	<26.9	<26.9	<26.9	<26.9	93.0
West Auger Hole-1	03/20/2023	0.5	6	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	<26.6	1,670
West Auger Hole-1	03/20/2023	2	24	<0.00103	<0.00206	<25.8	<25.8	<25.8	<25.8	<25.8	29.1
West Auger Hole-1	03/20/2023	4	48	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	<26.6	54.7
Excavation Soil Samples - Incident Number nAPP2307447383											
Bottom Hole-1	06/16/2023	1	12	<0.0204	<0.0408	<25.5	<25.5	<25.5	<25.5	<25.5	52.6
Bottom Hole-2	06/16/2023	1	12	<0.0204	<0.0408	<25.5	<25.5	<25.5	<25.5	<25.5	97.3
Bottom Hole-3	06/30/2023	1	12	<0.0202 [†]	<0.0404 [‡]	<25.3	<25.3	<25.3	<25.3	<25.3	221
Bottom Hole-3	07/31/2023	1	12	<0.0200	<0.0400	NA	NA	NA	NA	NA	NA
Bottom Hole-4	06/30/2023	1	12	<0.2006 [§]	<0.0412 [‡]	<25.8	<25.8	<25.8	<25.8	<25.8	24.3
Bottom Hole-4	07/31/2023	1	12	<0.0200	<0.0400	NA	NA	NA	NA	NA	NA
Bottom Hole-5	06/30/2023	1	12	<0.0206 [†]	<0.0412 [‡]	<25.8	<25.8	<25.8	<25.8	<25.8	48.3
Bottom Hole-5	07/31/2023	1	12	<0.0200	0.0400	NA	NA	NA	NA	NA	NA
Bottom Hole-6	06/30/2023	1	12	<0.0204 [†]	<0.0408 [§]	<25.5	<25.5	<25.5	<25.5	<25.5	34.8
Bottom Hole-6	07/31/2023	1	12	<0.0200	<0.0400	NA	NA	NA	NA	NA	NA
North Sidewall	06/30/2023	0-1	0-12	<0.0208 [†]	<0.0417 [‡]	<26.0	<26.0	<26.0	<26.0	<26.0	163
North Wall	07/31/2023	0-1	0-12	<0.0200	<0.0400	NA	NA	NA	NA	NA	NA
East Sidewall	06/30/2023	0-1	0-12	<0.0202 [†]	<0.0404 [‡]	<25.3	<25.3	<25.3	<25.3	<25.3	98.7
East Wall-#1	07/31/2023	0-1	0-12	<0.0200	<0.0400	NA	NA	NA	NA	NA	NA
East Wall-#2	07/31/2023	0-1	0-12	<0.0200	<0.0400	NA	NA	NA	NA	NA	NA



Table 1
SOIL SAMPLE ANALYTICAL RESULTS
Chevron USA Inc.
J Keats1 24 32 #040H
Lea County, New Mexico

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Sample Depth (inches bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	DRO+GRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29)				10	50	NE	NE	NE	1,000	2,500	10,000
South Sidewall	06/30/2023	0-1	0-12	<0.0208 [†]	<0.0400 [‡]	<25.0	<25.0	<25.0	<25.0	<25.0	108
South Wall	07/31/2023	0-1	0-12	<0.0200	<0.0400	NA	NA	NA	NA	NA	NA
West Sidewall	06/30/2023	0-1	0-12	<0.0208 [†]	<0.0417 [‡]	<26.0	<26.0	<26.0	<26.0	<26.0	55.7
West Wall-#1	07/31/2023	0-1	0-12	<0.0200	<0.0400	NA	NA	NA	NA	NA	NA
West Wall-#2	07/31/2023	0-1	0-12	<0.0200	<0.0400	NA	NA	NA	NA	NA	NA

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

NA: Not Analyzed

Text in "grey" represents excavated soil samples

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria and/or Reclamation Standard for Soils Impacted by a Release[†]Laboratory indicated Benzene was analyzed following the lapse of the appropriate hold time due to the "shipping error " BTEX GC" on June 30, 2023[‡]Laboratory indicated BTEX was analyzed following the lapse of the appropriate hold time due to the "shipping error " BTEX GC" on June 30, 2023

APPENDIX E

Laboratory Analytical Reports & Chain-of-Custody Documentation

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



Analytical Report

Prepared for:

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

Project: J Keats 1 24 32 #040H

Project Number: 17783

Location:

Lab Order Number: 3C22016



Current Certification

Report Date: 03/30/23

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

Project: J Keats 1 24 32 #040H
Project Number: 17783
Project Manager: Blake Estep

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Auger Hole - 1 @ 6"	3C22016-01	Soil	03/20/23 10:00	03-22-2023 11:40
Auger Hole - 1 @ 12"	3C22016-02	Soil	03/20/23 10:02	03-22-2023 11:40
Auger Hole - 1 @ 24"	3C22016-03	Soil	03/20/23 10:04	03-22-2023 11:40
Auger Hole - 1 @ 48"	3C22016-04	Soil	03/20/23 10:06	03-22-2023 11:40
North Auger Hole - 1 @ 6"	3C22016-05	Soil	03/20/23 10:08	03-22-2023 11:40
North Auger Hole - 1 @ 24"	3C22016-06	Soil	03/20/23 10:10	03-22-2023 11:40
North Auger Hole - 1 @ 48"	3C22016-07	Soil	03/20/23 10:12	03-22-2023 11:40
East Auger Hole - 1 @ 6"	3C22016-08	Soil	03/20/23 10:14	03-22-2023 11:40
East Auger Hole - 1 @ 24"	3C22016-09	Soil	03/20/23 10:16	03-22-2023 11:40
East Auger Hole - 1 @ 48"	3C22016-10	Soil	03/20/23 10:18	03-22-2023 11:40
South Auger Hole - 1 @ 6"	3C22016-11	Soil	03/20/23 10:20	03-22-2023 11:40
South Auger Hole - 1 @ 24"	3C22016-12	Soil	03/20/23 10:22	03-22-2023 11:40
South Auger Hole - 1 @ 48"	3C22016-13	Soil	03/20/23 10:24	03-22-2023 11:40
West Auger Hole - 1 @ 6"	3C22016-14	Soil	03/20/23 10:26	03-22-2023 11:40
West Auger Hole - 1 @ 24"	3C22016-15	Soil	03/20/23 10:28	03-22-2023 11:40
West Auger Hole - 1 @ 48"	3C22016-16	Soil	03/20/23 10:30	03-22-2023 11:40

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

Project: J Keats 1 24 32 #040H
 Project Number: 17783
 Project Manager: Blake Estep

Auger Hole - 1 @ 6"
3C22016-01 (Soil)

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

BTEX by 8021B

Benzene	7.79	0.532	mg/kg dry	500	P3C2306	03/23/23 13:25	03/27/23 09:36	EPA 8021B	
Toluene	96.2	0.532	mg/kg dry	500	P3C2306	03/23/23 13:25	03/27/23 09:36	EPA 8021B	
Ethylbenzene	33.4	0.532	mg/kg dry	500	P3C2306	03/23/23 13:25	03/27/23 09:36	EPA 8021B	
Xylene (p/m)	110	1.06	mg/kg dry	500	P3C2306	03/23/23 13:25	03/27/23 09:36	EPA 8021B	
Xylene (o)	37.9	0.532	mg/kg dry	500	P3C2306	03/23/23 13:25	03/27/23 09:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %	80-120			P3C2306	03/23/23 13:25	03/27/23 09:36	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	87.6 %	80-120			P3C2306	03/23/23 13:25	03/27/23 09:36	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	4200	266	mg/kg dry	10	P3C2804	03/28/23 13:30	03/28/23 18:24	TPH 8015M	
>C12-C28	40300	266	mg/kg dry	10	P3C2804	03/28/23 13:30	03/28/23 18:24	TPH 8015M	
>C28-C35	8200	266	mg/kg dry	10	P3C2804	03/28/23 13:30	03/28/23 18:24	TPH 8015M	
Surrogate: 1-Chlorooctane	111 %	70-130			P3C2804	03/28/23 13:30	03/28/23 18:24	TPH 8015M	
Surrogate: o-Terphenyl	117 %	70-130			P3C2804	03/28/23 13:30	03/28/23 18:24	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	52700	266	mg/kg dry	10	[CALC]	03/28/23 13:30	03/28/23 18:24	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	2290	1.06	mg/kg dry	1	P3C2601	03/26/23 14:23	03/26/23 19:56	EPA 300.0	
% Moisture	6.0	0.1	%	1	P3C2310	03/23/23 15:42	03/23/23 15:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J Keats 1 24 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

Auger Hole - 1 @ 12"
3C22016-02 (Soil)

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

BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 20:11	EPA 8021B	
Toluene	0.00206	0.00104	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 20:11	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 20:11	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 20:11	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 20:11	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	85.9 %	80-120			P3C2306	03/23/23 13:25	03/23/23 20:11	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	89.7 %	80-120			P3C2306	03/23/23 13:25	03/23/23 20:11	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 18:46	TPH 8015M	
>C12-C28	46.2	26.0	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 18:46	TPH 8015M	
>C28-C35	33.1	26.0	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 18:46	TPH 8015M	
Surrogate: 1-Chlorooctane	99.2 %	70-130			P3C2804	03/28/23 13:30	03/28/23 18:46	TPH 8015M	
Surrogate: o-Terphenyl	120 %	70-130			P3C2804	03/28/23 13:30	03/28/23 18:46	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	79.3	26.0	mg/kg dry	1	[CALC]	03/28/23 13:30	03/28/23 18:46	calc	

General Chemistry Parameters by EPA / Standard Methods									
Chloride	279	1.04	mg/kg dry	1	P3C2601	03/26/23 14:23	03/26/23 21:13	EPA 300.0	
% Moisture	4.0	0.1	%	1	P3C2310	03/23/23 15:42	03/23/23 15:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

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

Project: J Keats 1 24 32 #040H
Project Number: 17783
Project Manager: Blake Estep

Auger Hole - 1 @ 24"
3C22016-03 (Soil)

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

BTEX by 8021B

Benzene	ND	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 21:12	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 21:12	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 21:12	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 21:12	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 21:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	90.2 %		80-120		P3C2306	03/23/23 13:25	03/23/23 21:12	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	90.2 %		80-120		P3C2306	03/23/23 13:25	03/23/23 21:12	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 19:08	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 19:08	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 19:08	TPH 8015M	
Surrogate: 1-Chlorooctane	103 %		70-130		P3C2804	03/28/23 13:30	03/28/23 19:08	TPH 8015M	
Surrogate: o-Terphenyl	125 %		70-130		P3C2804	03/28/23 13:30	03/28/23 19:08	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/28/23 13:30	03/28/23 19:08	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	150	1.03	mg/kg dry	1	P3C2601	03/26/23 14:23	03/26/23 21:59	EPA 300.0	
% Moisture	3.0	0.1	%	1	P3C2310	03/23/23 15:42	03/23/23 15:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

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

Project: J Keats 1 24 32 #040H
Project Number: 17783
Project Manager: Blake Estep

Auger Hole - 1 @ 48"**3C22016-04 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**BTEX by 8021B**

Benzene	ND	0.00106	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 21:33	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 21:33	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 21:33	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 21:33	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 21:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	93.7 %		80-120		P3C2306	03/23/23 13:25	03/23/23 21:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.2 %		80-120		P3C2306	03/23/23 13:25	03/23/23 21:33	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.6	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 19:29	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 19:29	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 19:29	TPH 8015M	
Surrogate: 1-Chlorooctane	100 %		70-130		P3C2804	03/28/23 13:30	03/28/23 19:29	TPH 8015M	
Surrogate: o-Terphenyl	121 %		70-130		P3C2804	03/28/23 13:30	03/28/23 19:29	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/28/23 13:30	03/28/23 19:29	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	556	1.06	mg/kg dry	1	P3C2601	03/26/23 14:23	03/26/23 22:14	EPA 300.0	
% Moisture	6.0	0.1	%	1	P3C2310	03/23/23 15:42	03/23/23 15:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

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

Project: J Keats 1 24 32 #040H
Project Number: 17783
Project Manager: Blake Estep

North Auger Hole - 1 @ 6"
3C22016-05 (Soil)

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

BTEX by 8021B

Benzene	0.00114	0.00106	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 21:53	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 21:53	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 21:53	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 21:53	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 21:53	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	83.8 %		80-120		P3C2306	03/23/23 13:25	03/23/23 21:53	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.5 %		80-120		P3C2306	03/23/23 13:25	03/23/23 21:53	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.6	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 19:50	TPH 8015M	
>C12-C28	1830	26.6	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 19:50	TPH 8015M	
>C28-C35	532	26.6	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 19:50	TPH 8015M	
Surrogate: 1-Chlorooctane	91.2 %		70-130		P3C2804	03/28/23 13:30	03/28/23 19:50	TPH 8015M	
Surrogate: o-Terphenyl	98.9 %		70-130		P3C2804	03/28/23 13:30	03/28/23 19:50	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	2360	26.6	mg/kg dry	1	[CALC]	03/28/23 13:30	03/28/23 19:50	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	519	1.06	mg/kg dry	1	P3C2601	03/26/23 14:23	03/26/23 22:30	EPA 300.0	
% Moisture	6.0	0.1	%	1	P3C2310	03/23/23 15:42	03/23/23 15:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

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

Project: J Keats 1 24 32 #040H
Project Number: 17783
Project Manager: Blake Estep

North Auger Hole - 1 @ 24"

3C22016-06 (Soil)

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

BTEX by 8021B

Benzene	0.00913	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 22:14	EPA 8021B	
Toluene	0.0946	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 22:14	EPA 8021B	
Ethylbenzene	0.0321	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 22:14	EPA 8021B	
Xylene (p/m)	0.102	0.00206	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 22:14	EPA 8021B	
Xylene (o)	0.0307	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 22:14	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	88.9 %		80-120		P3C2306	03/23/23 13:25	03/23/23 22:14	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %		80-120		P3C2306	03/23/23 13:25	03/23/23 22:14	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/29/23 08:27	TPH 8015M	
>C12-C28	745	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/29/23 08:27	TPH 8015M	
>C28-C35	283	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/29/23 08:27	TPH 8015M	
Surrogate: 1-Chlorooctane	100 %		70-130		P3C2804	03/28/23 13:30	03/29/23 08:27	TPH 8015M	
Surrogate: o-Terphenyl	125 %		70-130		P3C2804	03/28/23 13:30	03/29/23 08:27	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1030	25.8	mg/kg dry	1	[CALC]	03/28/23 13:30	03/29/23 08:27	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	265	1.03	mg/kg dry	1	P3C2601	03/26/23 14:23	03/26/23 22:45	EPA 300.0	
% Moisture	3.0	0.1	%	1	P3C2310	03/23/23 15:42	03/23/23 15:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J Keats 1 24 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

North Auger Hole - 1 @ 48"
3C22016-07 (Soil)

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

BTEX by 8021B

Benzene	ND	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 22:35	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 22:35	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 22:35	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 22:35	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 22:35	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.0 %		80-120		P3C2306	03/23/23 13:25	03/23/23 22:35	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	101 %		80-120		P3C2306	03/23/23 13:25	03/23/23 22:35	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 20:34	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 20:34	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 20:34	TPH 8015M	
Surrogate: 1-Chlorooctane	97.6 %		70-130		P3C2804	03/28/23 13:30	03/28/23 20:34	TPH 8015M	
Surrogate: o-Terphenyl	119 %		70-130		P3C2804	03/28/23 13:30	03/28/23 20:34	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/28/23 13:30	03/28/23 20:34	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	99.3	1.03	mg/kg dry	1	P3C2601	03/26/23 14:23	03/26/23 23:00	EPA 300.0	
% Moisture	3.0	0.1	%	1	P3C2310	03/23/23 15:42	03/23/23 15:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

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

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

Project: J Keats 1 24 32 #040H
Project Number: 17783
Project Manager: Blake Estep

East Auger Hole - 1 @ 6"
3C22016-08 (Soil)

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

BTEX by 8021B

Benzene	0.0204	0.00106	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 22:56	EPA 8021B	
Toluene	0.258	0.00106	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 22:56	EPA 8021B	
Ethylbenzene	0.0365	0.00106	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 22:56	EPA 8021B	
Xylene (p/m)	0.114	0.00213	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 22:56	EPA 8021B	
Xylene (o)	0.0281	0.00106	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 22:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	88.0 %	80-120			P3C2306	03/23/23 13:25	03/23/23 22:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	98.9 %	80-120			P3C2306	03/23/23 13:25	03/23/23 22:56	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	194	133	mg/kg dry	5	P3C2804	03/28/23 13:30	03/28/23 20:55	TPH 8015M	
>C12-C28	12900	133	mg/kg dry	5	P3C2804	03/28/23 13:30	03/28/23 20:55	TPH 8015M	
>C28-C35	2310	133	mg/kg dry	5	P3C2804	03/28/23 13:30	03/28/23 20:55	TPH 8015M	
Surrogate: 1-Chlorooctane	98.8 %	70-130			P3C2804	03/28/23 13:30	03/28/23 20:55	TPH 8015M	
Surrogate: o-Terphenyl	103 %	70-130			P3C2804	03/28/23 13:30	03/28/23 20:55	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	15400	133	mg/kg dry	5	[CALC]	03/28/23 13:30	03/28/23 20:55	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	1620	1.06	mg/kg dry	1	P3C2601	03/26/23 14:23	03/26/23 23:16	EPA 300.0	
% Moisture	6.0	0.1	%	1	P3C2310	03/23/23 15:42	03/23/23 15:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

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

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

Project: J Keats 1 24 32 #040H
Project Number: 17783
Project Manager: Blake Estep

East Auger Hole - 1 @ 24"
3C22016-09 (Soil)

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

BTEX by 8021B

Benzene	ND	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 23:18	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 23:18	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 23:18	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 23:18	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 23:18	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.1 %		80-120		P3C2306	03/23/23 13:25	03/23/23 23:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	105 %		80-120		P3C2306	03/23/23 13:25	03/23/23 23:18	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 21:17	TPH 8015M	
>C12-C28	35.8	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 21:17	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 21:17	TPH 8015M	
Surrogate: 1-Chlorooctane	96.0 %		70-130		P3C2804	03/28/23 13:30	03/28/23 21:17	TPH 8015M	
Surrogate: o-Terphenyl	119 %		70-130		P3C2804	03/28/23 13:30	03/28/23 21:17	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	35.8	25.8	mg/kg dry	1	[CALC]	03/28/23 13:30	03/28/23 21:17	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	117	1.03	mg/kg dry	1	P3C2601	03/26/23 14:23	03/26/23 23:31	EPA 300.0	
% Moisture	3.0	0.1	%	1	P3C2310	03/23/23 15:42	03/23/23 15:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

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

Project: J Keats 1 24 32 #040H
Project Number: 17783
Project Manager: Blake Estep

East Auger Hole - 1 @ 48"
3C22016-10 (Soil)

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

BTEX by 8021B

Benzene	ND	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 23:39	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 23:39	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 23:39	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 23:39	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C2306	03/23/23 13:25	03/23/23 23:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.3 %		80-120		P3C2306	03/23/23 13:25	03/23/23 23:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %		80-120		P3C2306	03/23/23 13:25	03/23/23 23:39	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 21:38	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 21:38	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 21:38	TPH 8015M	
Surrogate: 1-Chlorooctane	98.7 %		70-130		P3C2804	03/28/23 13:30	03/28/23 21:38	TPH 8015M	
Surrogate: o-Terphenyl	121 %		70-130		P3C2804	03/28/23 13:30	03/28/23 21:38	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/28/23 13:30	03/28/23 21:38	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	85.8	1.03	mg/kg dry	1	P3C2601	03/26/23 14:23	03/28/23 14:51	EPA 300.0	
% Moisture	3.0	0.1	%	1	P3C2310	03/23/23 15:42	03/23/23 15:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J Keats 1 24 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

South Auger Hole - 1 @ 6"
3C22016-11 (Soil)

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

BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P3C2306	03/23/23 13:25	03/24/23 00:01	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P3C2306	03/23/23 13:25	03/24/23 00:01	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P3C2306	03/23/23 13:25	03/24/23 00:01	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P3C2306	03/23/23 13:25	03/24/23 00:01	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P3C2306	03/23/23 13:25	03/24/23 00:01	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.6 %		80-120		P3C2306	03/23/23 13:25	03/24/23 00:01	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	105 %		80-120		P3C2306	03/23/23 13:25	03/24/23 00:01	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 22:44	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 22:44	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 22:44	TPH 8015M	
Surrogate: 1-Chlorooctane	101 %		70-130		P3C2804	03/28/23 13:30	03/28/23 22:44	TPH 8015M	
Surrogate: o-Terphenyl	124 %		70-130		P3C2804	03/28/23 13:30	03/28/23 22:44	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/28/23 13:30	03/28/23 22:44	calc	

General Chemistry Parameters by EPA / Standard Methods									
Chloride	130	1.06	mg/kg dry	1	P3C2601	03/26/23 14:23	03/28/23 14:30	EPA 300.0	
% Moisture	6.0	0.1	%	1	P3C2310	03/23/23 15:42	03/23/23 15:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

Project: J Keats 1 24 32 #040H
Project Number: 17783
Project Manager: Blake Estep

South Auger Hole - 1 @ 24"
3C22016-12 (Soil)

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

BTEX by 8021B

Benzene	ND	0.00104	mg/kg dry	1	P3C2306	03/23/23 13:25	03/24/23 00:22	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P3C2306	03/23/23 13:25	03/24/23 00:22	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P3C2306	03/23/23 13:25	03/24/23 00:22	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P3C2306	03/23/23 13:25	03/24/23 00:22	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P3C2306	03/23/23 13:25	03/24/23 00:22	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	104 %		80-120		P3C2306	03/23/23 13:25	03/24/23 00:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	93.1 %		80-120		P3C2306	03/23/23 13:25	03/24/23 00:22	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.0	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 23:05	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 23:05	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 23:05	TPH 8015M	
Surrogate: 1-Chlorooctane	102 %		70-130		P3C2804	03/28/23 13:30	03/28/23 23:05	TPH 8015M	
Surrogate: o-Terphenyl	124 %		70-130		P3C2804	03/28/23 13:30	03/28/23 23:05	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/28/23 13:30	03/28/23 23:05	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	102	1.04	mg/kg dry	1	P3C2807	03/28/23 15:43	03/28/23 22:32	EPA 300.0	
% Moisture	4.0	0.1	%	1	P3C2310	03/23/23 15:42	03/23/23 15:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

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

Project: J Keats 1 24 32 #040H
Project Number: 17783
Project Manager: Blake Estep

South Auger Hole - 1 @ 48"
3C22016-13 (Soil)

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

BTEX by 8021B

Benzene	ND	0.00108	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 18:43	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 18:43	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 18:43	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 18:43	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 18:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	92.9 %		80-120		P3C2407	03/24/23 15:44	03/24/23 18:43	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	91.3 %		80-120		P3C2407	03/24/23 15:44	03/24/23 18:43	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.9	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 23:27	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 23:27	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 23:27	TPH 8015M	
Surrogate: 1-Chlorooctane	99.9 %		70-130		P3C2804	03/28/23 13:30	03/28/23 23:27	TPH 8015M	
Surrogate: o-Terphenyl	122 %		70-130		P3C2804	03/28/23 13:30	03/28/23 23:27	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/28/23 13:30	03/28/23 23:27	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	93.0	1.08	mg/kg dry	1	P3C2807	03/28/23 15:43	03/28/23 23:34	EPA 300.0	
% Moisture	7.0	0.1	%	1	P3C2310	03/23/23 15:42	03/23/23 15:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J Keats 1 24 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

West Auger Hole - 1 @ 6"
3C22016-14 (Soil)

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

BTEX by 8021B

Benzene	ND	0.00106	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 19:03	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 19:03	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 19:03	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 19:03	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 19:03	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	88.8 %		80-120		P3C2407	03/24/23 15:44	03/24/23 19:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	87.6 %		80-120		P3C2407	03/24/23 15:44	03/24/23 19:03	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.6	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 23:48	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 23:48	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P3C2804	03/28/23 13:30	03/28/23 23:48	TPH 8015M	
Surrogate: 1-Chlorooctane	96.3 %		70-130		P3C2804	03/28/23 13:30	03/28/23 23:48	TPH 8015M	
Surrogate: o-Terphenyl	119 %		70-130		P3C2804	03/28/23 13:30	03/28/23 23:48	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/28/23 13:30	03/28/23 23:48	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	1670	1.06	mg/kg dry	1	P3C2807	03/28/23 15:43	03/28/23 23:54	EPA 300.0	
% Moisture	6.0	0.1	%	1	P3C2310	03/23/23 15:42	03/23/23 15:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J Keats 1 24 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

West Auger Hole - 1 @ 24"
3C22016-15 (Soil)

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

BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 19:24	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 19:24	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 19:24	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 19:24	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 19:24	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.6 %		80-120		P3C2407	03/24/23 15:44	03/24/23 19:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.0 %		80-120		P3C2407	03/24/23 15:44	03/24/23 19:24	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/29/23 00:10	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/29/23 00:10	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P3C2804	03/28/23 13:30	03/29/23 00:10	TPH 8015M	
Surrogate: 1-Chlorooctane	94.3 %		70-130		P3C2804	03/28/23 13:30	03/29/23 00:10	TPH 8015M	
Surrogate: o-Terphenyl	119 %		70-130		P3C2804	03/28/23 13:30	03/29/23 00:10	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/28/23 13:30	03/29/23 00:10	calc	

General Chemistry Parameters by EPA / Standard Methods									
Chloride	29.1	1.03	mg/kg dry	1	P3C2807	03/28/23 15:43	03/29/23 00:15	EPA 300.0	
% Moisture	3.0	0.1	%	1	P3C2310	03/23/23 15:42	03/23/23 15:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

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

Project: J Keats 1 24 32 #040H
Project Number: 17783
Project Manager: Blake Estep

West Auger Hole - 1 @ 48"
3C22016-16 (Soil)

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

BTEX by 8021B

Benzene	ND	0.00106	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 19:45	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 19:45	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 19:45	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 19:45	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P3C2407	03/24/23 15:44	03/24/23 19:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.1 %		80-120		P3C2407	03/24/23 15:44	03/24/23 19:45	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.1 %		80-120		P3C2407	03/24/23 15:44	03/24/23 19:45	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	26.6	mg/kg dry	1	P3C2804	03/28/23 13:30	03/29/23 00:32	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P3C2804	03/28/23 13:30	03/29/23 00:32	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P3C2804	03/28/23 13:30	03/29/23 00:32	TPH 8015M	
Surrogate: 1-Chlorooctane	99.1 %		70-130		P3C2804	03/28/23 13:30	03/29/23 00:32	TPH 8015M	
Surrogate: o-Terphenyl	122 %		70-130		P3C2804	03/28/23 13:30	03/29/23 00:32	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/28/23 13:30	03/29/23 00:32	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	54.7	1.06	mg/kg dry	1	P3C2807	03/28/23 15:43	03/29/23 00:35	EPA 300.0	
% Moisture	6.0	0.1	%	1	P3C2310	03/23/23 15:42	03/23/23 15:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J Keats 1 24 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3C2306 - *** DEFAULT PREP ***

Blank (P3C2306-BLK1)		Prepared & Analyzed: 03/23/23								
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		89.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		85.5	80-120			

LCS (P3C2306-BS1)		Prepared & Analyzed: 03/23/23								
Benzene	0.101	0.00100	mg/kg	0.100		101	80-120			
Toluene	0.0905	0.00100	"	0.100		90.5	80-120			
Ethylbenzene	0.0892	0.00100	"	0.100		89.2	80-120			
Xylene (p/m)	0.162	0.00200	"	0.200		81.1	80-120			
Xylene (o)	0.0889	0.00100	"	0.100		88.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.112		"	0.120		93.5	80-120			

LCS Dup (P3C2306-BSD1)		Prepared & Analyzed: 03/23/23								
Benzene	0.109	0.00100	mg/kg	0.100		109	80-120	7.47	20	
Toluene	0.0968	0.00100	"	0.100		96.8	80-120	6.77	20	
Ethylbenzene	0.0949	0.00100	"	0.100		94.9	80-120	6.18	20	
Xylene (p/m)	0.172	0.00200	"	0.200		85.8	80-120	5.70	20	
Xylene (o)	0.0955	0.00100	"	0.100		95.5	80-120	7.14	20	
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.106		"	0.120		88.4	80-120			

Calibration Blank (P3C2306-CCB1)		Prepared & Analyzed: 03/23/23								
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.170		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.0994		"	0.120		82.8	80-120			

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: J Keats 1 24 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3C2306 - *** DEFAULT PREP ***

Calibration Blank (P3C2306-CCB2)				Prepared & Analyzed: 03/23/23						
Benzene	0.00		ug/kg							
Toluene	0.160		"							
Ethylbenzene	0.200		"							
Xylene (p/m)	0.340		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.104		"	0.120		86.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.102		"	0.120		84.6	80-120			

Calibration Check (P3C2306-CCV1)				Prepared & Analyzed: 03/23/23						
Benzene	0.102	0.00100	mg/kg	0.100		102	80-120			
Toluene	0.0887	0.00100	"	0.100		88.7	80-120			
Ethylbenzene	0.0837	0.00100	"	0.100		83.7	80-120			
Xylene (p/m)	0.160	0.00200	"	0.200		80.1	80-120			
Xylene (o)	0.0887	0.00100	"	0.100		88.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.107		"	0.120		89.2	75-125			
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.7	75-125			

Calibration Check (P3C2306-CCV2)				Prepared & Analyzed: 03/23/23						
Benzene	0.109	0.00100	mg/kg	0.100		109	80-120			
Toluene	0.0966	0.00100	"	0.100		96.6	80-120			
Ethylbenzene	0.0911	0.00100	"	0.100		91.1	80-120			
Xylene (p/m)	0.170	0.00200	"	0.200		85.0	80-120			
Xylene (o)	0.0973	0.00100	"	0.100		97.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.108		"	0.120		89.9	75-125			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.6	75-125			

Calibration Check (P3C2306-CCV3)				Prepared: 03/23/23 Analyzed: 03/24/23						
Benzene	0.106	0.00100	mg/kg	0.100		106	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.182	0.00200	"	0.200		90.8	80-120			
Xylene (o)	0.101	0.00100	"	0.100		101	80-120			
Surrogate: 1,4-Difluorobenzene	0.113		"	0.120		94.0	75-125			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	75-125			

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J Keats 1 24 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3C2306 - *** DEFAULT PREP ***

Matrix Spike (P3C2306-MS1)		Source: 3C22015-10		Prepared: 03/23/23		Analyzed: 03/24/23				
Benzene	0.0663	0.00114	mg/kg dry	0.114	0.00114	57.4	80-120			QM-05
Toluene	0.133	0.00114	"	0.114	0.0989	29.6	80-120			QM-05
Ethylbenzene	0.429	0.00114	"	0.114	0.436	NR	80-120			QM-05
Xylene (p/m)	0.872	0.00227	"	0.227	0.00114	383	80-120			QM-05
Xylene (o)	0.426	0.00114	"	0.114	0.00114	373	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.157		"	0.136		115	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.136		90.1	80-120			

Matrix Spike Dup (P3C2306-MSD1)		Source: 3C22015-10		Prepared: 03/23/23		Analyzed: 03/24/23				
Benzene	0.0768	0.00114	mg/kg dry	0.114	0.00114	66.6	80-120	14.9	20	QM-05
Toluene	0.139	0.00114	"	0.114	0.0989	35.0	80-120	16.7	20	QM-05
Ethylbenzene	0.428	0.00114	"	0.114	0.436	NR	80-120	NR	20	QM-05
Xylene (p/m)	1.09	0.00227	"	0.227	0.00114	478	80-120	22.0	20	QM-05
Xylene (o)	0.602	0.00114	"	0.114	0.00114	528	80-120	34.4	20	QM-05
Surrogate: 4-Bromofluorobenzene	0.257		"	0.136		188	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.129		"	0.136		94.3	80-120			

Batch P3C2407 - *** DEFAULT PREP ***

Blank (P3C2407-BLK1)				Prepared & Analyzed: 03/24/23						
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.0965		"	0.120		80.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.103		"	0.120		86.2	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: J Keats 1 24 32 #040H
Project Number: 17783
Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3C2407 - * DEFAULT PREP *****

LCS (P3C2407-BS1)		Prepared & Analyzed: 03/24/23								
Benzene	0.100	0.00100	mg/kg	0.100		100	80-120			
Toluene	0.0880	0.00100	"	0.100		88.0	80-120			
Ethylbenzene	0.0887	0.00100	"	0.100		88.7	80-120			
Xylene (p/m)	0.161	0.00200	"	0.200		80.4	80-120			
Xylene (o)	0.0889	0.00100	"	0.100		88.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.103		"	0.120		86.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		89.0	80-120			

LCS Dup (P3C2407-BSD1)		Prepared & Analyzed: 03/24/23								
Benzene	0.110	0.00100	mg/kg	0.100		110	80-120	9.31	20	
Toluene	0.0930	0.00100	"	0.100		93.0	80-120	5.62	20	
Ethylbenzene	0.0936	0.00100	"	0.100		93.6	80-120	5.29	20	
Xylene (p/m)	0.169	0.00200	"	0.200		84.5	80-120	5.01	20	
Xylene (o)	0.0954	0.00100	"	0.100		95.4	80-120	7.14	20	
Surrogate: 4-Bromofluorobenzene	0.0956		"	0.120		79.7	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.104		"	0.120		87.0	80-120			

Calibration Blank (P3C2407-CCB1)		Prepared & Analyzed: 03/24/23								
Benzene	0.00		ug/kg							
Toluene	0.00		"							
Ethylbenzene	0.170		"							
Xylene (p/m)	0.210		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.102		"	0.120		85.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.0932		"	0.120		77.6	80-120			S-GC

Calibration Check (P3C2407-CCV1)		Prepared & Analyzed: 03/24/23								
Benzene	0.120	0.00100	mg/kg	0.100		120	80-120			
Toluene	0.105	0.00100	"	0.100		105	80-120			
Ethylbenzene	0.0990	0.00100	"	0.100		99.0	80-120			
Xylene (p/m)	0.185	0.00200	"	0.200		92.4	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.6	75-125			
Surrogate: 4-Bromofluorobenzene	0.0979		"	0.120		81.6	75-125			

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J Keats 1 24 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3C2407 - *** DEFAULT PREP ***

Calibration Check (P3C2407-CCV2)				Prepared & Analyzed: 03/24/23						
Benzene	0.0948	0.00100	mg/kg	0.100		94.8	80-120			
Toluene	0.0931	0.00100	"	0.100		93.1	80-120			
Ethylbenzene	0.0925	0.00100	"	0.100		92.5	80-120			
Xylene (p/m)	0.169	0.00200	"	0.200		84.7	80-120			
Xylene (o)	0.0904	0.00100	"	0.100		90.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.7	75-125			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	75-125			

Matrix Spike (P3C2407-MS1)				Source: 3C24011-01	Prepared & Analyzed: 03/24/23					
Benzene	0.0851	0.00103	mg/kg dry	0.103	ND	82.6	80-120			
Toluene	0.0824	0.00103	"	0.103	ND	79.9	80-120			
Ethylbenzene	0.0851	0.00103	"	0.103	ND	82.5	80-120			
Xylene (p/m)	0.149	0.00206	"	0.206	ND	72.4	80-120			QM-05
Xylene (o)	0.0781	0.00103	"	0.103	ND	75.7	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	0.135		"	0.124		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.124		94.2	80-120			

Matrix Spike Dup (P3C2407-MSD1)				Source: 3C24011-01	Prepared & Analyzed: 03/24/23					
Benzene	0.0889	0.00103	mg/kg dry	0.103	ND	86.2	80-120	4.31	20	
Toluene	0.0862	0.00103	"	0.103	ND	83.6	80-120	4.49	20	
Ethylbenzene	0.0890	0.00103	"	0.103	ND	86.3	80-120	4.47	20	
Xylene (p/m)	0.155	0.00206	"	0.206	ND	75.4	80-120	3.98	20	QM-05
Xylene (o)	0.0820	0.00103	"	0.103	ND	79.5	80-120	4.83	20	QM-05
Surrogate: 1,4-Difluorobenzene	0.116		"	0.124		93.7	80-120			
Surrogate: 4-Bromofluorobenzene	0.134		"	0.124		108	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: J Keats 1 24 32 #040H
Project Number: 17783
Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3C2804 - TX 1005

Blank (P3C2804-BLK1)

Prepared & Analyzed: 03/28/23

C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	98.7		"	100		98.7	70-130			
Surrogate: o-Terphenyl	59.6		"	50.0		119	70-130			

LCS (P3C2804-BS1)

Prepared & Analyzed: 03/28/23

C6-C12	822	25.0	mg/kg	1000		82.2	75-125			
>C12-C28	1060	25.0	"	1000		106	75-125			
Surrogate: 1-Chlorooctane	104		"	100		104	70-130			
Surrogate: o-Terphenyl	59.9		"	50.0		120	70-130			

LCS Dup (P3C2804-BSD1)

Prepared & Analyzed: 03/28/23

C6-C12	790	25.0	mg/kg	1000		79.0	75-125	3.97	20	
>C12-C28	1060	25.0	"	1000		106	75-125	0.708	20	
Surrogate: 1-Chlorooctane	129		"	100		129	70-130			
Surrogate: o-Terphenyl	57.1		"	50.0		114	70-130			

Calibration Check (P3C2804-CCV1)

Prepared & Analyzed: 03/28/23

C6-C12	478	25.0	mg/kg	500		95.6	85-115			
>C12-C28	548	25.0	"	500		110	85-115			
Surrogate: 1-Chlorooctane	123		"	100		123	70-130			
Surrogate: o-Terphenyl	60.6		"	50.0		121	70-130			

Calibration Check (P3C2804-CCV2)

Prepared & Analyzed: 03/28/23

C6-C12	478	25.0	mg/kg	500		95.5	85-115			
>C12-C28	504	25.0	"	500		101	85-115			
Surrogate: 1-Chlorooctane	124		"	100		124	70-130			
Surrogate: o-Terphenyl	63.2		"	50.0		126	70-130			

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J Keats 1 24 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3C2804 - TX 1005

Calibration Check (P3C2804-CCV3)				Prepared: 03/28/23 Analyzed: 03/29/23						
C6-C12	480	25.0	mg/kg	500		96.0	85-115			
>C12-C28	553	25.0	"	500		111	85-115			
Surrogate: 1-Chlorooctane	124		"	100		124	70-130			
Surrogate: o-Terphenyl	62.3		"	50.0		125	70-130			
Duplicate (P3C2804-DUP1)				Source: 3C22016-01 Prepared: 03/28/23 Analyzed: 03/29/23						
C6-C12	4190	266	mg/kg dry		4200			0.304	20	R3
>C12-C28	40400	266	"		40300			0.312	20	R3
Surrogate: 1-Chlorooctane	115		"	106		108	70-130			
Surrogate: o-Terphenyl	63.7		"	53.2		120	70-130			

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: J Keats 1 24 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

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 P3C2310 - *** DEFAULT PREP ***										
Blank (P3C2310-BLK1)				Prepared & Analyzed: 03/23/23						
% Moisture	ND	0.1	%							
Blank (P3C2310-BLK2)				Prepared & Analyzed: 03/23/23						
% Moisture	ND	0.1	%							
Duplicate (P3C2310-DUP1)				Source: 3C22014-01		Prepared & Analyzed: 03/23/23				
% Moisture	13.0	0.1	%		14.0			7.41	20	
Duplicate (P3C2310-DUP2)				Source: 3C22015-07		Prepared & Analyzed: 03/23/23				
% Moisture	11.0	0.1	%		12.0			8.70	20	
Duplicate (P3C2310-DUP3)				Source: 3C22016-08		Prepared & Analyzed: 03/23/23				
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P3C2310-DUP4)				Source: 3C23001-02		Prepared & Analyzed: 03/23/23				
% Moisture	10.0	0.1	%		9.0			10.5	20	
Batch P3C2601 - *** DEFAULT PREP ***										
Blank (P3C2601-BLK1)				Prepared & Analyzed: 03/26/23						
Chloride	ND	1.00	mg/kg							
LCS (P3C2601-BS1)				Prepared: 03/26/23 Analyzed: 03/27/23						
Chloride	21.6		mg/kg	20.0		108	90-110			
LCS Dup (P3C2601-BSD1)				Prepared & Analyzed: 03/26/23						
Chloride	22.0		mg/kg	20.0		110	90-110	1.66	10	

Permian Basin Environmental Lab, L.P.

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

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

Project: J Keats 1 24 32 #040H
Project Number: 17783
Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3C2601 - * DEFAULT PREP *****

Calibration Check (P3C2601-CCV1)

Prepared: 03/26/23 Analyzed: 03/27/23

Chloride	19.0		mg/kg	20.0		94.9	90-110			
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Calibration Check (P3C2601-CCV2)

Prepared: 03/26/23 Analyzed: 03/27/23

Chloride	18.8		mg/kg	20.0		94.0	90-110			
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Calibration Check (P3C2601-CCV3)

Prepared: 03/26/23 Analyzed: 03/27/23

Chloride	18.1		mg/kg	20.0		90.4	90-110			
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Matrix Spike (P3C2601-MS2)

Source: 3C22016-02

Prepared & Analyzed: 03/26/23

Chloride	775	1.04	mg/kg dry	521	279	95.2	80-120			
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Matrix Spike Dup (P3C2601-MSD2)

Source: 3C22016-02

Prepared & Analyzed: 03/26/23

Chloride	803	1.04	mg/kg dry	521	279	101	80-120	3.52	20	
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Batch P3C2807 - * DEFAULT PREP *****

Blank (P3C2807-BLK1)

Prepared & Analyzed: 03/28/23

Chloride	ND	1.00	mg/kg							
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LCS (P3C2807-BS1)

Prepared & Analyzed: 03/28/23

Chloride	18.8		mg/kg	20.0		94.2	90-110			
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LCS Dup (P3C2807-BSD1)

Prepared & Analyzed: 03/28/23

Chloride	18.8		mg/kg	20.0		94.2	90-110	0.0212	10	
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Calibration Check (P3C2807-CCV1)

Prepared & Analyzed: 03/28/23

Chloride	18.6		mg/kg	20.0		93.1	90-110			
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Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J Keats 1 24 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

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 P3C2807 - *** DEFAULT PREP ***										
Calibration Check (P3C2807-CCV2)				Prepared & Analyzed: 03/28/23						
Chloride	18.8		mg/kg	20.0		93.8	90-110			
Calibration Check (P3C2807-CCV3)				Prepared: 03/28/23 Analyzed: 03/29/23						
Chloride	18.8		mg/kg	20.0		94.1	90-110			
Matrix Spike (P3C2807-MS1)				Source: 3C27014-01		Prepared & Analyzed: 03/28/23				
Chloride	9890	29.1	mg/kg dry	581	9350	93.6	80-120			
Matrix Spike Dup (P3C2807-MSD1)				Source: 3C27014-01		Prepared & Analyzed: 03/28/23				
Chloride	10500	29.1	mg/kg dry	581	9350	191	80-120	5.57	20	QM-05

Permian Basin Environmental Lab, L.P.

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

Project: J Keats 1 24 32 #040H
Project Number: 17783
Project Manager: Blake Estep

Notes and Definitions

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

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.

NPBEL C Chain of Custody was not generated at PBELAB

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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

3/30/2023

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

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

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

Project: J Keats 1 24 32 #040H
Project Number: 17783
Project Manager: Blake Estep

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

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

PBELAB

Permian Basin Environmental Lab. LP

1400 Rankin Hwy

Midland Texas 79701

Phone: 432-686-7235

Project Manager: Blake Estep
 Company Name: Etech Environmental & Safety Solutions, Inc.
 Company Address: P.O. Box 62228
 City/State/Zip: Midland, Texas 79711
 Sampler Signature: *Blake Estep* email: blake@etechenv.com

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name: J Keats 1 24 32 #09Project #: 17783 Project Loc: _____Area: _____ PO#: 17783☒ Bill EtechReport Format: STANDARD ☒ TRRP: ☐ NPDES: ☐

(lab use only)

ORDER #: 3C22016

Preservation & # of Containers

Matrix

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	No. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ S ₂ O ₃	None	Other (Specify)	Analyze For:										RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	STANDARD TAT
															TCLP:				TOTAL:							
															TPH: 418, 1, 8015M 1005											
															Cations (Ca, Mg, Na, K)											
															Anions (Cl, SO ₄ , CO ₃ , HCO ₃)											
															SAR / ESP / CEC											
															Metals: As Ag Ba Cd Cr Pb Hg Se											
															Volatiles											
															Semi volatiles											
															BTEX 8024B/5030 or BTEX 8260											
															RCI											
															N.O.R.M.											
															Chlorides											

Special Instructions:

Relinquished by: <u><i>Blake Estep</i></u>	Date: <u>3-26-23</u>	Time: <u>11:40 am</u>	Received by: _____	Date: _____	Time: _____	Laboratory Comments: Sample Containers Intact? <u>Y</u> <u>N</u> VOCs Free of Headspace? <u>Y</u> <u>N</u> Custody seals on container(s) <u>Y</u> <u>N</u> Custody seals on cooler(s) <u>Y</u> <u>N</u> Sample Hand Delivered <u>Y</u> <u>N</u> Sar by Sampler/Client Rep. ? <u>Y</u> <u>N</u> Sar by Courier? <u>Y</u> <u>N</u> UPS DHL FedEx Lone Star
Relinquished by: _____	Date: _____	Time: _____	Received by: _____	Date: _____	Time: _____	
Relinquished by: _____	Date: _____	Time: _____	Received by: <u><i>Anna Bledsoe</i></u>	Date: <u>3/26/23</u>	Time: <u>11:40</u>	

Temperature Upon Receipt: 7.8 °C

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



Analytical Report

Prepared for:

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

Project: J KEATS 1 2 32 #040H

Project Number: 17783

Location: None Given

Lab Order Number: 3F19011



Current Certification

Report Date: 07/14/23

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: J KEATS 1 2 32 #040H Project Number: 17783 Project Manager: Blake Estep
---	--

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom Hole - 1 @ 12"	3F19011-01	Soil	06/16/23 10:36	06-19-2023 09:41
Bottom Hole - 2 @ 12"	3F19011-02	Soil	06/16/23 11:00	06-19-2023 09:41

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

Project: J KEATS 1 2 32 #040H
Project Number: 17783
Project Manager: Blake Estep

Bottom Hole - 1 @ 12"

3F19011-01 (Soil)

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

BTEX by 8021B

Benzene	ND	0.0204	mg/kg dry	20	P3F2816	06/28/23 14:13	07/01/23 11:26	EPA 8021B	
Toluene	ND	0.0204	mg/kg dry	20	P3F2816	06/28/23 14:13	07/01/23 11:26	EPA 8021B	
Ethylbenzene	ND	0.0204	mg/kg dry	20	P3F2816	06/28/23 14:13	07/01/23 11:26	EPA 8021B	
Xylene (p/m)	ND	0.0408	mg/kg dry	20	P3F2816	06/28/23 14:13	07/01/23 11:26	EPA 8021B	
Xylene (o)	ND	0.0204	mg/kg dry	20	P3F2816	06/28/23 14:13	07/01/23 11:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	148 %		80-120		P3F2816	06/28/23 14:13	07/01/23 11:26	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	92.2 %		80-120		P3F2816	06/28/23 14:13	07/01/23 11:26	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M

C6-C12	ND	25.5	mg/kg dry	1	P3F1910	06/19/23 15:00	06/20/23 03:13	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P3F1910	06/19/23 15:00	06/20/23 03:13	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P3F1910	06/19/23 15:00	06/20/23 03:13	TPH 8015M	
Surrogate: 1-Chlorooctane	85.1 %		70-130		P3F1910	06/19/23 15:00	06/20/23 03:13	TPH 8015M	
Surrogate: o-Terphenyl	101 %		70-130		P3F1910	06/19/23 15:00	06/20/23 03:13	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	06/19/23 15:00	06/20/23 03:13	calc	

General Chemistry Parameters by EPA / Standard Methods

Chloride	52.6	1.02	mg/kg dry	1	P3F1908	06/19/23 15:00	06/20/23 09:56	EPA 300.0	
% Moisture	2.0	0.1	%	1	P3F2008	06/20/23 08:46	06/20/23 08:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole - 2 @ 12"
3F19011-02 (Soil)

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

BTEX by 8021B									
Benzene	ND	0.0204	mg/kg dry	20	P3F2816	06/28/23 14:13	07/01/23 11:52	EPA 8021B	
Toluene	ND	0.0204	mg/kg dry	20	P3F2816	06/28/23 14:13	07/01/23 11:52	EPA 8021B	
Ethylbenzene	ND	0.0204	mg/kg dry	20	P3F2816	06/28/23 14:13	07/01/23 11:52	EPA 8021B	
Xylene (p/m)	ND	0.0408	mg/kg dry	20	P3F2816	06/28/23 14:13	07/01/23 11:52	EPA 8021B	
Xylene (o)	ND	0.0204	mg/kg dry	20	P3F2816	06/28/23 14:13	07/01/23 11:52	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	154 %	80-120			P3F2816	06/28/23 14:13	07/01/23 11:52	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	93.9 %	80-120			P3F2816	06/28/23 14:13	07/01/23 11:52	EPA 8021B	

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P3F1910	06/19/23 15:00	06/20/23 03:36	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P3F1910	06/19/23 15:00	06/20/23 03:36	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P3F1910	06/19/23 15:00	06/20/23 03:36	TPH 8015M	
Surrogate: 1-Chlorooctane	82.0 %	70-130			P3F1910	06/19/23 15:00	06/20/23 03:36	TPH 8015M	
Surrogate: o-Terphenyl	97.9 %	70-130			P3F1910	06/19/23 15:00	06/20/23 03:36	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	06/19/23 15:00	06/20/23 03:36	calc	

General Chemistry Parameters by EPA / Standard Methods									
Chloride	97.3	1.02	mg/kg dry	1	P3F1908	06/19/23 15:00	06/20/23 10:10	EPA 300.0	
% Moisture	2.0	0.1	%	1	P3F2008	06/20/23 08:46	06/20/23 08:50	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

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

Project: J KEATS 1 2 32 #040H
Project Number: 17783
Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3F2816 - * DEFAULT PREP *****

Blank (P3F2816-BLK1)

Prepared: 06/28/23 Analyzed: 07/01/23

Benzene	ND	0.00100	mg/kg							
Toluene	0.000520	0.00100	"							J
Ethylbenzene	0.00101	0.00100	"							B-05
Xylene (p/m)	0.00253	0.00200	"							B-05
Xylene (o)	0.00136	0.00100	"							B-05
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.204		"	0.120		170	80-120			S-GC

LCS (P3F2816-BS1)

Prepared: 06/28/23 Analyzed: 07/01/23

Benzene	0.0950	0.00100	mg/kg	0.100		95.0	80-120			
Toluene	0.0949	0.00100	"	0.100		94.9	80-120			
Ethylbenzene	0.111	0.00100	"	0.100		111	80-120			
Xylene (p/m)	0.224	0.00200	"	0.200		112	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.210		"	0.120		175	80-120			S-GC

LCS Dup (P3F2816-BSD1)

Prepared: 06/28/23 Analyzed: 07/01/23

Benzene	0.0896	0.00100	mg/kg	0.100		89.6	80-120	5.79	20	
Toluene	0.0919	0.00100	"	0.100		91.9	80-120	3.16	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120	1.81	20	
Xylene (p/m)	0.216	0.00200	"	0.200		108	80-120	3.64	20	
Xylene (o)	0.0968	0.00100	"	0.100		96.8	80-120	9.25	20	
Surrogate: 4-Bromofluorobenzene	0.211		"	0.120		176	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.4	80-120			

Calibration Blank (P3F2816-CCB1)

Prepared: 06/28/23 Analyzed: 07/05/23

Benzene	0.270		ug/kg							
Toluene	0.450		"							
Ethylbenzene	0.860		"							J
Xylene (p/m)	1.73		"							J
Xylene (o)	1.11		"							B-05
Surrogate: 4-Bromofluorobenzene	0.208		"	0.120		173	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		88.9	80-120			

Permian Basin Environmental Lab, L.P.

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

Project: J KEATS 1 2 32 #040H
Project Number: 17783
Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3F2816 - * DEFAULT PREP *****

Calibration Blank (P3F2816-CCB2)

Prepared: 06/28/23 Analyzed: 07/01/23

Benzene	0.320		ug/kg							
Toluene	0.450		"							
Ethylbenzene	0.920		"							J
Xylene (p/m)	2.32		"							B-05
Xylene (o)	1.16		"							B-05
Surrogate: 4-Bromofluorobenzene	0.186		"	0.120		155	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.1	80-120			

Calibration Check (P3F2816-CCV1)

Prepared: 06/28/23 Analyzed: 07/05/23

Benzene	0.0838	0.00100	mg/kg	0.100		83.8	80-120			
Toluene	0.0867	0.00100	"	0.100		86.7	80-120			
Ethylbenzene	0.0954	0.00100	"	0.100		95.4	80-120			
Xylene (p/m)	0.200	0.00200	"	0.200		99.9	80-120			
Xylene (o)	0.0951	0.00100	"	0.100		95.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.8	75-125			
Surrogate: 4-Bromofluorobenzene	0.214		"	0.120		179	75-125			S-GC

Calibration Check (P3F2816-CCV2)

Prepared: 06/28/23 Analyzed: 07/01/23

Benzene	0.107	0.00100	mg/kg	0.100		107	80-120			
Toluene	0.0948	0.00100	"	0.100		94.8	80-120			
Ethylbenzene	0.0997	0.00100	"	0.100		99.7	80-120			
Xylene (p/m)	0.208	0.00200	"	0.200		104	80-120			
Xylene (o)	0.0978	0.00100	"	0.100		97.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.179		"	0.120		149	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.2	75-125			

Calibration Check (P3F2816-CCV3)

Prepared: 06/28/23 Analyzed: 07/02/23

Benzene	0.103	0.00100	mg/kg	0.100		103	80-120			
Toluene	0.0979	0.00100	"	0.100		97.9	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.219	0.00200	"	0.200		109	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.180		"	0.120		150	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.2	75-125			

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3F2816 - *** DEFAULT PREP ***

Matrix Spike (P3F2816-MS1)	Source: 3F19008-01			Prepared: 06/28/23 Analyzed: 07/02/23						
Benzene	0.106	0.00102	mg/kg dry	0.102	0.00143	102	80-120			
Toluene	0.0882	0.00102	"	0.102	0.00306	83.5	80-120			
Ethylbenzene	0.0955	0.00102	"	0.102	ND	93.6	80-120			
Xylene (p/m)	0.187	0.00204	"	0.204	ND	91.4	80-120			
Xylene (o)	0.0884	0.00102	"	0.102	ND	86.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.117		"	0.122		95.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.154		"	0.122		125	80-120			S-GC

Matrix Spike Dup (P3F2816-MSD1)	Source: 3F19008-01			Prepared: 06/28/23 Analyzed: 07/02/23						
Benzene	0.111	0.00102	mg/kg dry	0.102	0.00143	108	80-120	4.89	20	
Toluene	0.0923	0.00102	"	0.102	0.00306	87.4	80-120	4.61	20	
Ethylbenzene	0.100	0.00102	"	0.102	ND	98.2	80-120	4.78	20	
Xylene (p/m)	0.196	0.00204	"	0.204	ND	95.9	80-120	4.79	20	
Xylene (o)	0.0935	0.00102	"	0.102	ND	91.7	80-120	5.61	20	
Surrogate: 1,4-Difluorobenzene	0.115		"	0.122		93.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.147		"	0.122		120	80-120			

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3F1910 - TX 1005

Blank (P3F1910-BLK1)		Prepared: 06/19/23 Analyzed: 06/20/23								
C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	80.6		"	100		80.6	70-130			
Surrogate: o-Terphenyl	47.6		"	50.0		95.3	70-130			

LCS (P3F1910-BS1)		Prepared: 06/19/23 Analyzed: 06/20/23								
C6-C12	1100	25.0	mg/kg	1000		110	75-125			
>C12-C28	977	25.0	"	1000		97.7	75-125			
Surrogate: 1-Chlorooctane	124		"	100		124	70-130			
Surrogate: o-Terphenyl	69.6		"	50.0		139	70-130			S-GC

LCS Dup (P3F1910-BSD1)		Prepared: 06/19/23 Analyzed: 06/20/23								
C6-C12	1120	25.0	mg/kg	1000		112	75-125	1.49	20	
>C12-C28	1040	25.0	"	1000		104	75-125	5.97	20	
Surrogate: 1-Chlorooctane	128		"	100		128	70-130			
Surrogate: o-Terphenyl	73.4		"	50.0		147	70-130			S-GC

Calibration Check (P3F1910-CCV1)		Prepared & Analyzed: 06/19/23								
C6-C12	523	25.0	mg/kg	500		105	85-115			
>C12-C28	512	25.0	"	500		102	85-115			
Surrogate: 1-Chlorooctane	128		"	100		128	70-130			
Surrogate: o-Terphenyl	71.1		"	50.0		142	70-130			S-GC

Calibration Check (P3F1910-CCV2)		Prepared: 06/19/23 Analyzed: 06/20/23								
C6-C12	521	25.0	mg/kg	500		104	85-115			
>C12-C28	526	25.0	"	500		105	85-115			
Surrogate: 1-Chlorooctane	129		"	100		129	70-130			
Surrogate: o-Terphenyl	72.9		"	50.0		146	70-130			S-GC

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3F1910 - TX 1005

Calibration Check (P3F1910-CCV3)				Prepared: 06/19/23 Analyzed: 06/20/23						
C6-C12	525	25.0	mg/kg	500		105	85-115			
>C12-C28	506	25.0	"	500		101	85-115			
Surrogate: 1-Chlorooctane	129		"	100		129	70-130			
Surrogate: o-Terphenyl	72.0		"	50.0		144	70-130			S-GC
Duplicate (P3F1910-DUP1)				Source: 3F19014-02 Prepared: 06/19/23 Analyzed: 06/20/23						
C6-C12	1820	2530	mg/kg dry		ND			114	20	
>C12-C28	41500	2530	"		39500			4.92	20	
Surrogate: 1-Chlorooctane	122		"	101		121	70-130			
Surrogate: o-Terphenyl	72.7		"	50.5		144	70-130			S-GC

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

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 P3F1908 - *** DEFAULT PREP ***										
Blank (P3F1908-BLK1)				Prepared: 06/19/23 Analyzed: 06/20/23						
Chloride	ND	1.00	mg/kg							
LCS (P3F1908-BS1)				Prepared & Analyzed: 06/19/23						
Chloride	18.1		mg/kg	20.0		90.5	90-110			
LCS Dup (P3F1908-BSD1)				Prepared & Analyzed: 06/19/23						
Chloride	18.6		mg/kg	20.0		92.9	90-110	2.59	10	
Calibration Check (P3F1908-CCV1)				Prepared: 06/19/23 Analyzed: 06/20/23						
Chloride	20.4		mg/kg	20.0		102	90-110			
Calibration Check (P3F1908-CCV2)				Prepared & Analyzed: 06/19/23						
Chloride	19.0		mg/kg	20.0		94.8	90-110			
Matrix Spike (P3F1908-MS1)				Source: 3F19006-10		Prepared & Analyzed: 06/19/23				
Chloride	137		mg/kg	100	40.2	97.0	80-120			
Matrix Spike (P3F1908-MS2)				Source: 3F19016-01		Prepared: 06/19/23 Analyzed: 06/20/23				
Chloride	152		mg/kg	100	50.6	102	80-120			
Matrix Spike Dup (P3F1908-MSD1)				Source: 3F19006-10		Prepared & Analyzed: 06/19/23				
Chloride	134		mg/kg	100	40.2	93.6	80-120	2.54	20	
Matrix Spike Dup (P3F1908-MSD2)				Source: 3F19016-01		Prepared: 06/19/23 Analyzed: 06/20/23				
Chloride	157		mg/kg	100	50.6	106	80-120	2.96	20	
Batch P3F2008 - *** DEFAULT PREP ***										
Blank (P3F2008-BLK1)				Prepared & Analyzed: 06/20/23						
% Moisture	ND	0.1	%							

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

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 P3F2008 - *** DEFAULT PREP ***										
Blank (P3F2008-BLK2)				Prepared & Analyzed: 06/20/23						
% Moisture	ND	0.1	%							
Blank (P3F2008-BLK3)				Prepared & Analyzed: 06/20/23						
% Moisture	ND	0.1	%							
Duplicate (P3F2008-DUP1)				Source: 3F16013-05		Prepared & Analyzed: 06/20/23				
% Moisture	9.0	0.1	%		9.0			0.00	20	
Duplicate (P3F2008-DUP2)				Source: 3F19005-03		Prepared & Analyzed: 06/20/23				
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P3F2008-DUP3)				Source: 3F19006-11		Prepared & Analyzed: 06/20/23				
% Moisture	14.0	0.1	%		15.0			6.90	20	
Duplicate (P3F2008-DUP4)				Source: 3F19008-04		Prepared & Analyzed: 06/20/23				
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P3F2008-DUP5)				Source: 3F19012-06		Prepared & Analyzed: 06/20/23				
% Moisture	ND	0.1	%		ND				20	
Duplicate (P3F2008-DUP6)				Source: 3F19016-04		Prepared & Analyzed: 06/20/23				
% Moisture	13.0	0.1	%		13.0			0.00	20	

Permian Basin Environmental Lab, L.P.

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

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

Project: J KEATS 1 2 32 #040H
 Project Number: 17783
 Project Manager: Blake Estep

Notes and Definitions

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

ROI Received on Ice

NPBEL C Chain of Custody was not generated at PBELAB

J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

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

B-05 Contamination in blank is carryover from previous sample analyzed in same purge vessel. This contamination is not present in purge vessels that associated samples were purged in.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

7/14/2023

Brent Barron, Laboratory Director/Technical Director

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

Project: J KEATS 1 2 32 #040H
Project Number: 17783
Project Manager: Blake Estep

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

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

(Cherren)

Project Manager: Blake Estep
Company Name: Etech Environmental & Safety Solutions, Inc.
Company Address: P.O. Box 62228
City/State/Zip: Midland, Texas 79711
Sampler Signature: _____ email: blake@etechenv.com

Project Name: 5 keets 12 32 # 0404

Project #: 17783 **Project Loc:** _____

Area: PO#: 17783



Bill Etech

Report Format: STANDARD: ☐ TRRP: ☐ NPDES: ☐

(lab use only)
ORDER #: 3F19011

Preservation & # of Containers**Matrix**[illegible]**Special Instructions:****Laboratory Comments:**

Sample Containers Intact?
VOCs Free of Headspace?
Custody seals on container(s)
Custody seals on cooler(s)
Sample Hand Delivered
Sar by Sampler/Client Rep. ?
Sar by Courier? UPS DI

Temperature Upon Receipt: 5.6

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



Analytical Report

Prepared for:

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

Project: J KEATS 1 2 32 #040H

Project Number: 17783

Location: None Given

Lab Order Number: 3G07012



Current Certification

Report Date: 07/27/23

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: J KEATS 1 2 32 #040H Project Number: 17783 Project Manager: Blake Estep
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BOTTOM HOLE 3 @ 12"	3G07012-01	Soil	06/30/23 12:00	07-07-2023 15:10
BOTTOM HOLE 4 @ 12"	3G07012-02	Soil	06/30/23 12:02	07-07-2023 15:10
BOTTOM HOLE 5 @ 12"	3G07012-03	Soil	06/30/23 12:04	07-07-2023 15:10
BOTTOM HOLE 6 @ 12"	3G07012-04	Soil	06/30/23 12:06	07-07-2023 15:10
NORTH SIDEWALL @ 0-12"	3G07012-05	Soil	06/30/23 12:08	07-07-2023 15:10
EAST SIDEWALL @ 0-12"	3G07012-06	Soil	06/30/23 12:10	07-07-2023 15:10
SOUTH SIDEWALL @ 0-12"	3G07012-07	Soil	06/30/23 12:12	07-07-2023 15:10
WEST SIDEWALL @ 0-12"	3G07012-08	Soil	06/30/23 12:14	07-07-2023 15:10

o-xylene was detected in the first CCB. It was not detected in the BLK or subsequent CCVs.

Due to a Shipping error BTEX analysis were run outside of the regulatory holding time of 14 days.

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

Project: J KEATS 1 2 32 #040H
 Project Number: 17783
 Project Manager: Blake Estep

BOTTOM HOLE 3 @ 12"**3G07012-01 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**BTEX by 8021B**

Benzene	ND	0.0202	mg/kg dry	20	P3G1108	07/11/23 15:27	07/13/23 14:19	EPA 8021B	
Toluene	ND	0.0202	mg/kg dry	20	P3G1108	07/11/23 15:27	07/13/23 14:19	EPA 8021B	
Ethylbenzene	ND	0.0202	mg/kg dry	20	P3G1108	07/11/23 15:27	07/13/23 14:19	EPA 8021B	
Xylene (p/m)	ND	0.0404	mg/kg dry	20	P3G1108	07/11/23 15:27	07/13/23 14:19	EPA 8021B	
Xylene (o)	ND	0.0202	mg/kg dry	20	P3G1108	07/11/23 15:27	07/13/23 14:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	139 %	80-120			P3G1108	07/11/23 15:27	07/13/23 14:19	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	93.1 %	80-120			P3G1108	07/11/23 15:27	07/13/23 14:19	EPA 8021B	
Xylenes (total)	ND	0.0404	mg/kg dry	20	[CALC]	07/11/23 15:27	07/13/23 14:19	EPA 8021B	
Total BTEX	ND	0.0202	mg/kg dry	20	[CALC]	07/11/23 15:27	07/13/23 14:19	EPA 8021B	

Organics by GC

C6-C12	ND	25.3	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 07:07	TX 1005	
>C12-C28	ND	25.3	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 07:07	TX 1005	
>C28-C35	ND	25.3	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 07:07	TX 1005	
Surrogate: 1-Chlorooctane	95.2 %	70-130			P3G1015	07/10/23 11:00	07/11/23 07:07	TX 1005	
Surrogate: o-Terphenyl	104 %	70-130			P3G1015	07/10/23 11:00	07/11/23 07:07	TX 1005	
Total Hydrocarbon nC6-nC35	ND	25.3	mg/kg dry	1	[CALC]	07/10/23 11:00	07/11/23 07:07	[CALC]	

General Chemistry Parameters by EPA / Standard Methods

Chloride	221	1.01	mg/kg dry	1	P3G1107	07/11/23 14:04	07/12/23 01:57	EPA 300.0	
% Moisture	1.0	0.1	%	1	P3G1102	07/11/23 09:55	07/11/23 10:01	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

BOTTOM HOLE 4 @ 12"
3G07012-02 (Soil)

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

BTEX by 8021B									
Benzene	ND	0.0206	mg/kg dry	20	P3G1108	07/11/23 15:27	07/13/23 14:41	EPA 8021B	
Toluene	ND	0.0206	mg/kg dry	20	P3G1108	07/11/23 15:27	07/13/23 14:41	EPA 8021B	
Ethylbenzene	ND	0.0206	mg/kg dry	20	P3G1108	07/11/23 15:27	07/13/23 14:41	EPA 8021B	
Xylene (p/m)	ND	0.0412	mg/kg dry	20	P3G1108	07/11/23 15:27	07/13/23 14:41	EPA 8021B	
Xylene (o)	ND	0.0206	mg/kg dry	20	P3G1108	07/11/23 15:27	07/13/23 14:41	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	92.5 %		80-120		P3G1108	07/11/23 15:27	07/13/23 14:41	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	124 %		80-120		P3G1108	07/11/23 15:27	07/13/23 14:41	EPA 8021B	S-GC
Xylenes (total)	ND	0.0412	mg/kg dry	20	[CALC]	07/11/23 15:27	07/13/23 14:41	EPA 8021B	
Total BTEX	ND	0.0206	mg/kg dry	20	[CALC]	07/11/23 15:27	07/13/23 14:41	EPA 8021B	

Organics by GC									
C6-C12	ND	25.8	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 07:31	TX 1005	
>C12-C28	ND	25.8	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 07:31	TX 1005	
>C28-C35	ND	25.8	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 07:31	TX 1005	
Surrogate: 1-Chlorooctane	92.5 %		70-130		P3G1015	07/10/23 11:00	07/11/23 07:31	TX 1005	
Surrogate: o-Terphenyl	102 %		70-130		P3G1015	07/10/23 11:00	07/11/23 07:31	TX 1005	
Total Hydrocarbon nC6-nC35	ND	25.8	mg/kg dry	1	[CALC]	07/10/23 11:00	07/11/23 07:31	[CALC]	

General Chemistry Parameters by EPA / Standard Methods									
Chloride	24.3	1.03	mg/kg dry	1	P3G1107	07/11/23 14:04	07/12/23 02:40	EPA 300.0	
% Moisture	3.0	0.1	%	1	P3G1102	07/11/23 09:55	07/11/23 10:01	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

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

Project: J KEATS 1 2 32 #040H
Project Number: 17783
Project Manager: Blake Estep

BOTTOM HOLE 5 @ 12"**3G07012-03 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**BTEX by 8021B**

Benzene	ND	0.0206	mg/kg dry	20	P3G1108	07/11/23 15:27	07/13/23 15:03	EPA 8021B	
Toluene	ND	0.0206	mg/kg dry	20	P3G1108	07/11/23 15:27	07/13/23 15:03	EPA 8021B	
Ethylbenzene	ND	0.0206	mg/kg dry	20	P3G1108	07/11/23 15:27	07/13/23 15:03	EPA 8021B	
Xylene (p/m)	ND	0.0412	mg/kg dry	20	P3G1108	07/11/23 15:27	07/13/23 15:03	EPA 8021B	
Xylene (o)	ND	0.0206	mg/kg dry	20	P3G1108	07/11/23 15:27	07/13/23 15:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	127 %	80-120			P3G1108	07/11/23 15:27	07/13/23 15:03	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	92.8 %	80-120			P3G1108	07/11/23 15:27	07/13/23 15:03	EPA 8021B	
Xylenes (total)	ND	0.0412	mg/kg dry	20	[CALC]	07/11/23 15:27	07/13/23 15:03	EPA 8021B	
Total BTEX	ND	0.0206	mg/kg dry	20	[CALC]	07/11/23 15:27	07/13/23 15:03	EPA 8021B	

Organics by GC

C6-C12	ND	25.8	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 07:56	TX 1005	
>C12-C28	ND	25.8	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 07:56	TX 1005	
>C28-C35	ND	25.8	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 07:56	TX 1005	
Surrogate: 1-Chlorooctane	91.2 %	70-130			P3G1015	07/10/23 11:00	07/11/23 07:56	TX 1005	
Surrogate: o-Terphenyl	95.6 %	70-130			P3G1015	07/10/23 11:00	07/11/23 07:56	TX 1005	
Total Hydrocarbon nC6-nC35	ND	25.8	mg/kg dry	1	[CALC]	07/10/23 11:00	07/11/23 07:56	[CALC]	

General Chemistry Parameters by EPA / Standard Methods

Chloride	48.3	1.03	mg/kg dry	1	P3G1107	07/11/23 14:04	07/12/23 02:54	EPA 300.0	
% Moisture	3.0	0.1	%	1	P3G1102	07/11/23 09:55	07/11/23 10:01	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

BOTTOM HOLE 6 @ 12"
3G07012-04 (Soil)

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

BTEX by 8021B									
Benzene	ND	0.0204	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 11:47	EPA 8021B	O-04
Toluene	ND	0.0204	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 11:47	EPA 8021B	O-04
Ethylbenzene	ND	0.0204	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 11:47	EPA 8021B	O-04
Xylene (p/m)	ND	0.0408	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 11:47	EPA 8021B	O-04
Xylene (o)	ND	0.0204	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 11:47	EPA 8021B	O-04
Surrogate: 4-Bromofluorobenzene	135 %	80-120			P3G2007	07/20/23 14:15	07/21/23 11:47	EPA 8021B	O-04, S-LIM
Surrogate: 1,4-Difluorobenzene	92.3 %	80-120			P3G2007	07/20/23 14:15	07/21/23 11:47	EPA 8021B	O-04, S-LIM
Xylenes (total)	ND	0.0408	mg/kg dry	20	[CALC]	07/20/23 14:15	07/21/23 11:47	EPA 8021B	
Total BTEX	ND	0.0204	mg/kg dry	20	[CALC]	07/20/23 14:15	07/21/23 11:47	EPA 8021B	

Organics by GC									
C6-C12	ND	25.5	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 08:20	TX 1005	
>C12-C28	ND	25.5	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 08:20	TX 1005	
>C28-C35	ND	25.5	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 08:20	TX 1005	
Surrogate: 1-Chlorooctane	91.5 %	70-130			P3G1015	07/10/23 11:00	07/11/23 08:20	TX 1005	
Surrogate: o-Terphenyl	97.1 %	70-130			P3G1015	07/10/23 11:00	07/11/23 08:20	TX 1005	
Total Hydrocarbon nC6-nC35	ND	25.5	mg/kg dry	1	[CALC]	07/10/23 11:00	07/11/23 08:20	[CALC]	

General Chemistry Parameters by EPA / Standard Methods									
Chloride	34.8	1.02	mg/kg dry	1	P3G1107	07/11/23 14:04	07/12/23 03:08	EPA 300.0	
% Moisture	2.0	0.1	%	1	P3G1102	07/11/23 09:55	07/11/23 10:01	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

NORTH SIDEWALL @ 0-12"
3G07012-05 (Soil)

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

BTEX by 8021B									
Benzene	ND	0.0208	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 12:08	EPA 8021B	O-04
Toluene	ND	0.0208	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 12:08	EPA 8021B	O-04
Ethylbenzene	ND	0.0208	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 12:08	EPA 8021B	O-04
Xylene (p/m)	ND	0.0417	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 12:08	EPA 8021B	O-04
Xylene (o)	ND	0.0208	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 12:08	EPA 8021B	O-04
Surrogate: 1,4-Difluorobenzene	91.4 %	80-120			P3G2007	07/20/23 14:15	07/21/23 12:08	EPA 8021B	O-04, S-LIM
Surrogate: 4-Bromofluorobenzene	134 %	80-120			P3G2007	07/20/23 14:15	07/21/23 12:08	EPA 8021B	O-04, S-LIM
Xylenes (total)	ND	0.0417	mg/kg dry	20	[CALC]	07/20/23 14:15	07/21/23 12:08	EPA 8021B	
Total BTEX	ND	0.0208	mg/kg dry	20	[CALC]	07/20/23 14:15	07/21/23 12:08	EPA 8021B	

Organics by GC									
C6-C12	ND	26.0	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 08:44	TX 1005	
>C12-C28	ND	26.0	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 08:44	TX 1005	
>C28-C35	ND	26.0	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 08:44	TX 1005	
Surrogate: 1-Chlorooctane	88.7 %	70-130			P3G1015	07/10/23 11:00	07/11/23 08:44	TX 1005	
Surrogate: o-Terphenyl	93.6 %	70-130			P3G1015	07/10/23 11:00	07/11/23 08:44	TX 1005	
Total Hydrocarbon nC6-nC35	ND	26.0	mg/kg dry	1	[CALC]	07/10/23 11:00	07/11/23 08:44	[CALC]	

General Chemistry Parameters by EPA / Standard Methods									
Chloride	163	1.04	mg/kg dry	1	P3G1107	07/11/23 14:04	07/12/23 03:22	EPA 300.0	
% Moisture	4.0	0.1	%	1	P3G1102	07/11/23 09:55	07/11/23 10:01	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

EAST SIDEWALL @ 0-12"
3G07012-06 (Soil)

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

BTEX by 8021B									
Benzene	ND	0.0202	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 12:29	EPA 8021B	O-04
Toluene	ND	0.0202	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 12:29	EPA 8021B	O-04
Ethylbenzene	ND	0.0202	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 12:29	EPA 8021B	O-04
Xylene (p/m)	ND	0.0404	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 12:29	EPA 8021B	O-04
Xylene (o)	ND	0.0202	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 12:29	EPA 8021B	O-04
Surrogate: 4-Bromofluorobenzene	129 %	80-120			P3G2007	07/20/23 14:15	07/21/23 12:29	EPA 8021B	O-04, S-LIM
Surrogate: 1,4-Difluorobenzene	92.4 %	80-120			P3G2007	07/20/23 14:15	07/21/23 12:29	EPA 8021B	O-04, S-LIM
Xylenes (total)	0.0422	0.0404	mg/kg dry	20	[CALC]	07/20/23 14:15	07/21/23 12:29	EPA 8021B	
Total BTEX	ND	0.0202	mg/kg dry	20	[CALC]	07/20/23 14:15	07/21/23 12:29	EPA 8021B	

Organics by GC									
C6-C12	ND	25.3	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 09:09	TX 1005	
>C12-C28	ND	25.3	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 09:09	TX 1005	
>C28-C35	ND	25.3	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 09:09	TX 1005	
Surrogate: 1-Chlorooctane	81.0 %	70-130			P3G1015	07/10/23 11:00	07/11/23 09:09	TX 1005	
Surrogate: o-Terphenyl	85.0 %	70-130			P3G1015	07/10/23 11:00	07/11/23 09:09	TX 1005	
Total Hydrocarbon nC6-nC35	ND	25.3	mg/kg dry	1	[CALC]	07/10/23 11:00	07/11/23 09:09	[CALC]	

General Chemistry Parameters by EPA / Standard Methods									
Chloride	98.7	1.01	mg/kg dry	1	P3G1107	07/11/23 14:04	07/12/23 03:37	EPA 300.0	
% Moisture	1.0	0.1	%	1	P3G1102	07/11/23 09:55	07/11/23 10:01	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

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

Project: J KEATS 1 2 32 #040H
 Project Number: 17783
 Project Manager: Blake Estep

SOUTH SIDEWALL @ 0-12"

3G07012-07 (Soil)

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

BTEX by 8021B

Benzene	ND	0.0200	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 12:54	EPA 8021B	O-04
Toluene	ND	0.0200	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 12:54	EPA 8021B	O-04
Ethylbenzene	ND	0.0200	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 12:54	EPA 8021B	O-04
Xylene (p/m)	ND	0.0400	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 12:54	EPA 8021B	O-04
Xylene (o)	ND	0.0200	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 12:54	EPA 8021B	O-04
Surrogate: 4-Bromofluorobenzene	134 %	80-120			P3G2007	07/20/23 14:15	07/21/23 12:54	EPA 8021B	O-04, S-LIM
Surrogate: 1,4-Difluorobenzene	91.6 %	80-120			P3G2007	07/20/23 14:15	07/21/23 12:54	EPA 8021B	O-04, S-LIM
Xylenes (total)	ND	0.0400	mg/kg dry	20	[CALC]	07/20/23 14:15	07/21/23 12:54	EPA 8021B	
Total BTEX	ND	0.0200	mg/kg dry	20	[CALC]	07/20/23 14:15	07/21/23 12:54	EPA 8021B	

Organics by GC

C6-C12	ND	25.0	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 09:35	TX 1005	
>C12-C28	ND	25.0	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 09:35	TX 1005	
>C28-C35	ND	25.0	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 09:35	TX 1005	
Surrogate: 1-Chlorooctane	82.7 %	70-130			P3G1015	07/10/23 11:00	07/11/23 09:35	TX 1005	
Surrogate: o-Terphenyl	86.7 %	70-130			P3G1015	07/10/23 11:00	07/11/23 09:35	TX 1005	
Total Hydrocarbon nC6-nC35	ND	25.0	mg/kg dry	1	[CALC]	07/10/23 11:00	07/11/23 09:35	[CALC]	

General Chemistry Parameters by EPA / Standard Methods

Chloride	108	1.00	mg/kg dry	1	P3G1107	07/11/23 14:04	07/12/23 03:51	EPA 300.0	
% Moisture	ND	0.1	%	1	P3G1102	07/11/23 09:55	07/11/23 10:01	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

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

Project: J KEATS 1 2 32 #040H
Project Number: 17783
Project Manager: Blake Estep

WEST SIDEWALL @ 0-12"**3G07012-08 (Soil)**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Permian Basin Environmental Lab, L.P.**BTEX by 8021B**

Benzene	ND	0.0208	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 13:15	EPA 8021B	O-04
Toluene	ND	0.0208	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 13:15	EPA 8021B	O-04
Ethylbenzene	ND	0.0208	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 13:15	EPA 8021B	O-04
Xylene (p/m)	ND	0.0417	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 13:15	EPA 8021B	O-04
Xylene (o)	ND	0.0208	mg/kg dry	20	P3G2007	07/20/23 14:15	07/21/23 13:15	EPA 8021B	O-04
Surrogate: 1,4-Difluorobenzene	92.2 %		80-120		P3G2007	07/20/23 14:15	07/21/23 13:15	EPA 8021B	O-04, S-LIM
Surrogate: 4-Bromofluorobenzene	137 %		80-120		P3G2007	07/20/23 14:15	07/21/23 13:15	EPA 8021B	O-04, S-LIM
Xylenes (total)	ND	0.0417	mg/kg dry	20	[CALC]	07/20/23 14:15	07/21/23 13:15	EPA 8021B	
Total BTEX	ND	0.0208	mg/kg dry	20	[CALC]	07/20/23 14:15	07/21/23 13:15	EPA 8021B	

Organics by GC

C6-C12	ND	26.0	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 10:00	TX 1005	
>C12-C28	ND	26.0	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 10:00	TX 1005	
>C28-C35	ND	26.0	mg/kg dry	1	P3G1015	07/10/23 11:00	07/11/23 10:00	TX 1005	
Surrogate: 1-Chlorooctane	89.7 %		70-130		P3G1015	07/10/23 11:00	07/11/23 10:00	TX 1005	
Surrogate: o-Terphenyl	96.0 %		70-130		P3G1015	07/10/23 11:00	07/11/23 10:00	TX 1005	
Total Hydrocarbon nC6-nC35	ND	26.0	mg/kg dry	1	[CALC]	07/10/23 11:00	07/11/23 10:00	[CALC]	

General Chemistry Parameters by EPA / Standard Methods

Chloride	55.7	1.04	mg/kg dry	1	P3G1107	07/11/23 14:04	07/12/23 04:05	EPA 300.0	
% Moisture	4.0	0.1	%	1	P3G1102	07/11/23 09:55	07/11/23 10:01	ASTM D2216	

Permian Basin Environmental Lab, L.P.

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

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

Project: J KEATS 1 2 32 #040H
Project Number: 17783
Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3G1108 - * DEFAULT PREP *****

Blank (P3G1108-BLK1)

Prepared: 07/11/23 Analyzed: 07/12/23

Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.205		"	0.120		171	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		90.0	80-120			

LCS (P3G1108-BS1)

Prepared: 07/11/23 Analyzed: 07/12/23

Benzene	0.0932	0.00100	mg/kg	0.100		93.2	80-120			
Toluene	0.0977	0.00100	"	0.100		97.7	80-120			
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.110	0.00100	"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.213		"	0.120		177	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.8	80-120			

LCS Dup (P3G1108-BSD1)

Prepared: 07/11/23 Analyzed: 07/12/23

Benzene	0.0925	0.00100	mg/kg	0.100		92.5	80-120	0.711	20	
Toluene	0.0979	0.00100	"	0.100		97.9	80-120	0.215	20	
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120	0.619	20	
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120	0.0863	20	
Xylene (o)	0.109	0.00100	"	0.100		109	80-120	1.08	20	
Surrogate: 4-Bromofluorobenzene	0.215		"	0.120		179	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		92.0	80-120			

Calibration Blank (P3G1108-CCB1)

Prepared: 07/11/23 Analyzed: 07/12/23

Benzene	0.260		ug/kg							
Toluene	0.430		"							
Ethylbenzene	0.710		"							
Xylene (p/m)	1.62		"							
Xylene (o)	0.870		"							
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		90.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.198		"	0.120		165	80-120			S-GC

Permian Basin Environmental Lab, L.P.

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

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

Project: J KEATS 1 2 32 #040H
Project Number: 17783
Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3G1108 - * DEFAULT PREP *****

Calibration Blank (P3G1108-CCB2)				Prepared: 07/11/23 Analyzed: 07/12/23						
Benzene	0.360		ug/kg							
Toluene	0.560		"							
Ethylbenzene	0.830		"							
Xylene (p/m)	1.46		"							
Xylene (o)	1.07		"							
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.196		"	0.120		163	80-120			S-GC

Calibration Check (P3G1108-CCV1)				Prepared: 07/11/23 Analyzed: 07/12/23						
Benzene	0.0867	0.00100	mg/kg	0.100		86.7	80-120			
Toluene	0.0997	0.00100	"	0.100		99.7	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.238	0.00200	"	0.200		119	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 4-Bromofluorobenzene	0.202		"	0.120		168	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.9	75-125			

Calibration Check (P3G1108-CCV2)				Prepared: 07/11/23 Analyzed: 07/12/23						
Benzene	0.0831	0.00100	mg/kg	0.100		83.1	80-120			
Toluene	0.0954	0.00100	"	0.100		95.4	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.226	0.00200	"	0.200		113	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.208		"	0.120		173	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.4	75-125			

Calibration Check (P3G1108-CCV3)				Prepared: 07/11/23 Analyzed: 07/13/23						
Benzene	0.0958	0.00100	mg/kg	0.100		95.8	80-120			
Toluene	0.0902	0.00100	"	0.100		90.2	80-120			
Ethylbenzene	0.100	0.00100	"	0.100		100	80-120			
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120			
Xylene (o)	0.0981	0.00100	"	0.100		98.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.111		"	0.120		92.4	75-125			
Surrogate: 4-Bromofluorobenzene	0.185		"	0.120		154	75-125			S-GC

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3G1108 - *** DEFAULT PREP ***

Matrix Spike (P3G1108-MS1)	Source: 3G05006-01			Prepared: 07/11/23		Analyzed: 07/13/23				
Benzene	0.111	0.00119	mg/kg dry	0.119	0.00643	87.6	80-120			QM-05
Toluene	0.0990	0.00119	"	0.119	0.00405	79.8	80-120			
Ethylbenzene	0.115	0.00119	"	0.119	0.00595	91.6	80-120			
Xylene (p/m)	0.227	0.00238	"	0.238	0.0110	90.6	80-120			
Xylene (o)	0.108	0.00119	"	0.119	0.00738	84.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.214		"	0.143		150	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.130		"	0.143		90.9	80-120			

Matrix Spike Dup (P3G1108-MSD1)	Source: 3G05006-01			Prepared: 07/11/23		Analyzed: 07/13/23				
Benzene	0.130	0.00119	mg/kg dry	0.119	0.00643	104	80-120	16.9	20	
Toluene	0.109	0.00119	"	0.119	0.00405	88.1	80-120	9.93	20	
Ethylbenzene	0.119	0.00119	"	0.119	0.00595	95.3	80-120	4.01	20	
Xylene (p/m)	0.234	0.00238	"	0.238	0.0110	93.7	80-120	3.33	20	
Xylene (o)	0.114	0.00119	"	0.119	0.00738	89.3	80-120	5.73	20	
Surrogate: 1,4-Difluorobenzene	0.139		"	0.143		97.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.185		"	0.143		129	80-120			S-GC

Batch P3G2007 - *** DEFAULT PREP ***

Blank (P3G2007-BLK1)				Prepared: 07/20/23		Analyzed: 07/21/23				
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		89.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.214		"	0.120		179	80-120			S-GC

Permian Basin Environmental Lab, L.P.

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

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

Project: J KEATS 1 2 32 #040H
Project Number: 17783
Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3G2007 - * DEFAULT PREP *****

LCS (P3G2007-BS1)			Prepared: 07/20/23 Analyzed: 07/21/23							
Benzene	0.0852	0.00100	mg/kg	0.100		85.2	80-120			
Toluene	0.0928	0.00100	"	0.100		92.8	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.223	0.00200	"	0.200		111	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	0.221		"	0.120		184	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.6	80-120			

LCS Dup (P3G2007-BSD1)			Prepared: 07/20/23 Analyzed: 07/21/23							
Benzene	0.0900	0.00100	mg/kg	0.100		90.0	80-120	5.48	20	
Toluene	0.0948	0.00100	"	0.100		94.8	80-120	2.21	20	
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120	1.61	20	
Xylene (p/m)	0.227	0.00200	"	0.200		114	80-120	1.91	20	
Xylene (o)	0.104	0.00100	"	0.100		104	80-120	0.895	20	
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		90.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.213		"	0.120		177	80-120			S-GC

Calibration Blank (P3G2007-CCB1)			Prepared: 07/20/23 Analyzed: 07/21/23							
Benzene	0.250		ug/kg							
Toluene	0.330		"							
Ethylbenzene	0.790		"							
Xylene (p/m)	1.83		"							
Xylene (o)	1.10		"							
Surrogate: 4-Bromofluorobenzene	0.215		"	0.120		180	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		90.2	80-120			

Calibration Blank (P3G2007-CCB2)			Prepared: 07/20/23 Analyzed: 07/24/23							
Benzene	0.0500		ug/kg							
Toluene	0.240		"							
Ethylbenzene	0.200		"							
Xylene (p/m)	0.790		"							
Xylene (o)	0.370		"							
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.216		"	0.120		180	80-120			S-GC

Permian Basin Environmental Lab, L.P.

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3G2007 - * DEFAULT PREP *****

Calibration Check (P3G2007-CCV1)

Prepared: 07/20/23 Analyzed: 07/21/23

Benzene	0.0801	0.00100	mg/kg	0.100		80.1	80-120			
Toluene	0.0961	0.00100	"	0.100		96.1	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.215	0.00200	"	0.200		107	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.120		96.6	75-125			
Surrogate: 4-Bromofluorobenzene	0.207		"	0.120		172	75-125			S-GC

Calibration Check (P3G2007-CCV2)

Prepared: 07/20/23 Analyzed: 07/21/23

Benzene	0.0825	0.00100	mg/kg	0.100		82.5	80-120			
Toluene	0.0854	0.00100	"	0.100		85.4	80-120			
Ethylbenzene	0.0955	0.00100	"	0.100		95.5	80-120			
Xylene (p/m)	0.197	0.00200	"	0.200		98.4	80-120			
Xylene (o)	0.0924	0.00100	"	0.100		92.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.3	75-125			
Surrogate: 4-Bromofluorobenzene	0.209		"	0.120		174	75-125			S-GC

Calibration Check (P3G2007-CCV3)

Prepared: 07/20/23 Analyzed: 07/24/23

Benzene	0.106	0.00100	mg/kg	0.100		106	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.236	0.00200	"	0.200		118	80-120			
Xylene (o)	0.117	0.00100	"	0.100		117	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		91.2	75-125			
Surrogate: 4-Bromofluorobenzene	0.222		"	0.120		185	75-125			S-GC

Matrix Spike (P3G2007-MS1)

Source: 3G07012-04

Prepared: 07/20/23 Analyzed: 07/24/23

Benzene	0.102	0.00102	mg/kg dry	0.102	0.00122	98.6	80-120			
Toluene	0.0901	0.00102	"	0.102	0.00224	86.1	80-120			
Ethylbenzene	0.102	0.00102	"	0.102	ND	99.8	80-120			
Xylene (p/m)	0.199	0.00204	"	0.204	0.00571	94.9	80-120			
Xylene (o)	0.0979	0.00102	"	0.102	0.00347	92.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.116		"	0.122		95.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.165		"	0.122		135	80-120			S-GC

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3G2007 - *** DEFAULT PREP ***

Matrix Spike Dup (P3G2007-MSD1)	Source: 3G07012-04			Prepared: 07/20/23 Analyzed: 07/24/23						
Benzene	0.0980	0.00102	mg/kg dry	0.102	0.00122	94.8	80-120	3.90	20	
Toluene	0.0861	0.00102	"	0.102	0.00224	82.2	80-120	4.68	20	
Ethylbenzene	0.0973	0.00102	"	0.102	ND	95.3	80-120	4.56	20	
Xylene (p/m)	0.190	0.00204	"	0.204	0.00571	90.3	80-120	4.95	20	
Xylene (o)	0.0939	0.00102	"	0.102	0.00347	88.6	80-120	4.33	20	
Surrogate: 1,4-Difluorobenzene	0.118		"	0.122		96.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.175		"	0.122		143	80-120			S-GC

Permian Basin Environmental Lab, L.P.

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

Project: J KEATS 1 2 32 #040H
Project Number: 17783
Project Manager: Blake Estep

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3G1015 - TX 1005

Blank (P3G1015-BLK1)

Prepared: 07/10/23 Analyzed: 07/11/23

C6-C12	ND	25.0	mg/kg							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	54.7		"	50.0		109	70-130			

LCS (P3G1015-BS1)

Prepared: 07/10/23 Analyzed: 07/11/23

C6-C12	942	25.0	mg/kg	1000		94.2	75-125			
>C12-C28	821	25.0	"	1000		82.1	75-125			
Surrogate: 1-Chlorooctane	118		"	100		118	70-130			
Surrogate: o-Terphenyl	48.0		"	50.0		96.0	70-130			

LCS Dup (P3G1015-BSD1)

Prepared: 07/10/23 Analyzed: 07/11/23

C6-C12	961	25.0	mg/kg	1000		96.1	75-125	2.00	20	
>C12-C28	848	25.0	"	1000		84.8	75-125	3.28	20	
Surrogate: 1-Chlorooctane	120		"	100		120	70-130			
Surrogate: o-Terphenyl	46.2		"	50.0		92.3	70-130			

Calibration Check (P3G1015-CCV1)

Prepared: 07/10/23 Analyzed: 07/11/23

C6-C12	456	25.0	mg/kg	500		91.2	85-115			
>C12-C28	481	25.0	"	500		96.2	85-115			
Surrogate: 1-Chlorooctane	104		"	100		104	70-130			
Surrogate: o-Terphenyl	49.0		"	50.0		98.1	70-130			

Calibration Check (P3G1015-CCV2)

Prepared: 07/10/23 Analyzed: 07/11/23

C6-C12	448	25.0	mg/kg	500		89.7	85-115			
>C12-C28	444	25.0	"	500		88.7	85-115			
Surrogate: 1-Chlorooctane	103		"	100		103	70-130			
Surrogate: o-Terphenyl	49.1		"	50.0		98.3	70-130			

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

Organics by GC - Quality Control
Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3G1015 - TX 1005

Calibration Check (P3G1015-CCV3)				Prepared: 07/10/23 Analyzed: 07/11/23						
C6-C12	450	25.0	mg/kg	500		90.1	85-115			
>C12-C28	438	25.0	"	500		87.5	85-115			
Surrogate: 1-Chlorooctane	104		"	100		104	70-130			
Surrogate: o-Terphenyl	48.3		"	50.0		96.7	70-130			
Duplicate (P3G1015-DUP1)				Source: 3G10007-06 Prepared: 07/10/23 Analyzed: 07/11/23						
C6-C12	ND	26.9	mg/kg dry		ND				20	
>C12-C28	ND	26.9	"		ND				20	
Surrogate: 1-Chlorooctane	109		"	108		102	70-130			
Surrogate: o-Terphenyl	58.0		"	53.8		108	70-130			

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

Project: J KEATS 1 2 32 #040H
Project Number: 17783
Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3G1102 - * DEFAULT PREP *****

Blank (P3G1102-BLK1)		Prepared & Analyzed: 07/11/23								
% Moisture	ND	0.1	%							
Blank (P3G1102-BLK2)		Prepared & Analyzed: 07/11/23								
% Moisture	ND	0.1	%							
Blank (P3G1102-BLK3)		Prepared & Analyzed: 07/11/23								
% Moisture	ND	0.1	%							
Blank (P3G1102-BLK4)		Prepared & Analyzed: 07/11/23								
% Moisture	ND	0.1	%							
Duplicate (P3G1102-DUP1)		Source: 3G07007-02		Prepared & Analyzed: 07/11/23						
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P3G1102-DUP2)		Source: 3G07010-01		Prepared & Analyzed: 07/11/23						
% Moisture	1.0	0.1	%		ND			200	20	R3
Duplicate (P3G1102-DUP3)		Source: 3G10005-01		Prepared & Analyzed: 07/11/23						
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P3G1102-DUP4)		Source: 3G10009-03		Prepared & Analyzed: 07/11/23						
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P3G1102-DUP5)		Source: 3G10008-09		Prepared & Analyzed: 07/11/23						
% Moisture	14.0	0.1	%		13.0			7.41	20	
Duplicate (P3G1102-DUP6)		Source: 3G10008-19		Prepared & Analyzed: 07/11/23						
% Moisture	6.0	0.1	%		6.0			0.00	20	

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Odessa TX, 79765	Project Manager: Blake Estep

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 P3G1107 - *** DEFAULT PREP ***										
Blank (P3G1107-BLK1)				Prepared & Analyzed: 07/11/23						
Chloride	ND	1.00	mg/kg							
LCS (P3G1107-BS1)				Prepared & Analyzed: 07/11/23						
Chloride	18.8		mg/kg	18.0		105	90-110			
LCS Dup (P3G1107-BSD1)				Prepared & Analyzed: 07/11/23						
Chloride	18.7		mg/kg	18.0		104	90-110	0.436	10	
Calibration Check (P3G1107-CCV1)				Prepared & Analyzed: 07/11/23						
Chloride	19.6		mg/kg	18.0		109	90-110			
Calibration Check (P3G1107-CCV2)				Prepared: 07/11/23 Analyzed: 07/12/23						
Chloride	19.5		mg/kg	18.0		108	90-110			
Matrix Spike (P3G1107-MS1)				Source: 3G07009-01 Prepared: 07/11/23 Analyzed: 07/12/23						
Chloride	101		mg/kg	100	1.72	99.8	80-120			
Matrix Spike (P3G1107-MS2)				Source: 3G07014-01 Prepared: 07/11/23 Analyzed: 07/12/23						
Chloride	122		mg/kg	100	23.8	98.5	80-120			
Matrix Spike Dup (P3G1107-MSD1)				Source: 3G07009-01 Prepared: 07/11/23 Analyzed: 07/12/23						
Chloride	101		mg/kg	100	1.72	99.3	80-120	0.485	20	
Matrix Spike Dup (P3G1107-MSD2)				Source: 3G07014-01 Prepared: 07/11/23 Analyzed: 07/12/23						
Chloride	122		mg/kg	100	23.8	98.0	80-120	0.442	20	

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Project: J KEATS 1 2 32 #040H
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 Project Manager: Blake Estep

Notes and Definitions

S-LIM Surrogate recoveries outside method QC limits. Site matrix effects verified by 10% duplicate analysis (including sample duplicate and MS/MSD analysis).

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

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-04 This sample was analyzed outside the EPA recommended holding time.

NPBEL C Chain of Custody was not generated at PBELAB

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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

7/27/2023

Permian Basin Environmental Lab, L.P.

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Project: J KEATS 1 2 32 #040H
Project Number: 17783
Project Manager: Blake Estep

Brent Barron, Laboratory Director/Technical Director

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

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

PBELAB

Permian Basin Environmental Lab, LP

1400 Rankin Hwy

Midland Texas 79701

Phone: 432-686-7235

Project Manager: Blake EstepCompany Name: Etech Environmental & Safety Solutions, Inc.Company Address: P.O. Box 62228City/State/Zip: Midland, Texas 79711Sampler Signature: [Signature] email: blake@etechenv.com

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name: J Keats 1 2 32 #040#Project #: 17783 Project Loc: _____Area: _____ PO#: 17783☒ Bill EtechReport Format: STANDARD ☐ TRRP ☐ NPDES ☐

(lab use only)

ORDER #: 3607012

Preservation & # of Containers

Matrix

Analyze For:

TCLP: ☐ ☐ ☐ ☐TOTAL: ☐ ☐ ☐ ☐

LAB # (lab use only)	FIELD CODE	Start Depth	End Depth	Date Sampled	Time Sampled	No. of Containers	Ice	HNO ₃	HCl	H ₂ SO ₄	NaOH	Na ₂ SO ₃	None	Other (Specify)	DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Portables Specify Other	TPH: 418.1 80150 1005 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO ₄ , CO ₃ , HCO ₃)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semi volatiles	BTEX: 802.13/5030 or BTEX 8260	RCI	N.O.R.M.	Chlorides	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	STANDARD TAT
1	Bottom Hole 3		12"	6.30.23	12:00	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	Bottom Hole 4		12"	1	12:02	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	Bottom Hole 5		12"		12:04	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Bottom Hole 6		12"		12:06	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	North Sidewall	0	12"		12:08	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6	East Sidewall	0	12"		12:10	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	South Sidewall	0	12"		12:12	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8	West Sidewall	0	12"		12:14	1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	S	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Special Instructions:

Relinquished by: [Signature]Date: 2.23Time: 3:00

Received by: _____

Date: _____

Time: _____

Relinquished by: _____

Date: _____

Time: _____

Received by: _____

Date: _____

Time: _____

Relinquished by: _____

Date: _____

Time: _____

Received by: [Signature]Date: 7/17/23Time: 15:10

Laboratory Comments:

Sample Containers Intact? Y NVOCs Free of Headspace? Y NCustody seals on container(s) Y NCustody seals on cooler(s) Y NSample Hand Delivered Y NSar by Sampler/Client Rep. ? Y NSar by Courier? UPS Y DHL Y FedEx Y Lone Star YTemperature Upon Receipt: 7.1 NFC

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



Analytical Report Rev. 2

Prepared for:

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

Project: J KEATS 1 2 32 #040H

Project Number: 17783

Location: None Given

Lab Order Number: 3H01026



Current Certification

Report Date: 10/23/23

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: J KEATS 1 2 32 #040H Project Number: 17783 Project Manager: Blake Estep
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom Hole-3 @ 12"	3H01026-01	Soil	07/31/23 12:05	08-01-2023 10:15
Bottom Hole-4 @ 12"	3H01026-02	Soil	07/31/23 12:07	08-01-2023 10:15
Bottom Hole-5 @ 12"	3H01026-03	Soil	07/31/23 12:09	08-01-2023 10:15
Bottom Hole-6 @ 12"	3H01026-04	Soil	07/31/23 12:11	08-01-2023 10:15
North Wall @ 0-12"	3H01026-05	Soil	07/31/23 12:21	08-01-2023 10:15
South Wall @ 0-12"	3H01026-06	Soil	07/31/23 12:15	08-01-2023 10:15
East Wall-#1 @ 0-12"	3H01026-07	Soil	07/31/23 12:19	08-01-2023 10:15
East Wall-#2 @ 0-12"	3H01026-08	Soil	07/31/23 12:17	08-01-2023 10:15
West Wall-#1 @ 0-12"	3H01026-09	Soil	07/31/23 12:23	08-01-2023 10:15
West Wall-#2 @ 0-12"	3H01026-10	Soil	07/31/23 12:25	08-01-2023 10:15

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole-3 @ 12"

3H01026-01 (Soil)

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

BTEX by 8021B								
Benzene	ND	0.0200	mg/kg dry	20	P3H0305	08/03/23 09:45	08/04/23 12:16	EPA 8021B
Toluene	ND	0.0200	mg/kg dry	20	P3H0305	08/03/23 09:45	08/04/23 12:16	EPA 8021B
Ethylbenzene	ND	0.0200	mg/kg dry	20	P3H0305	08/03/23 09:45	08/04/23 12:16	EPA 8021B
Xylene (p/m)	ND	0.0400	mg/kg dry	20	P3H0305	08/03/23 09:45	08/04/23 12:16	EPA 8021B
Xylene (o)	ND	0.0200	mg/kg dry	20	P3H0305	08/03/23 09:45	08/04/23 12:16	EPA 8021B
Surrogate: 4-Bromofluorobenzene	129 %	80-120		P3H0305	08/03/23 09:45	08/04/23 12:16	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene	91.8 %	80-120		P3H0305	08/03/23 09:45	08/04/23 12:16	EPA 8021B	
Xylenes (total)	ND	0.0400	mg/kg dry	20	[CALC]	08/03/23 09:45	08/04/23 12:16	EPA 8021B
Total BTEX	ND	0.0200	mg/kg dry	20	[CALC]	08/03/23 09:45	08/04/23 12:16	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods								
% Moisture	ND	0.1	%	1	P3H0216	08/02/23 12:25	08/02/23 12:29	ASTM D2216

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole-4 @ 12"
3H01026-02 (Soil)

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

BTEX by 8021B								
Benzene	ND	0.0200	mg/kg dry	20	P3H0305	08/03/23 09:45	08/04/23 12:43	EPA 8021B
Toluene	ND	0.0200	mg/kg dry	20	P3H0305	08/03/23 09:45	08/04/23 12:43	EPA 8021B
Ethylbenzene	ND	0.0200	mg/kg dry	20	P3H0305	08/03/23 09:45	08/04/23 12:43	EPA 8021B
Xylene (p/m)	ND	0.0400	mg/kg dry	20	P3H0305	08/03/23 09:45	08/04/23 12:43	EPA 8021B
Xylene (o)	ND	0.0200	mg/kg dry	20	P3H0305	08/03/23 09:45	08/04/23 12:43	EPA 8021B
Surrogate: 1,4-Difluorobenzene	92.8 %	80-120		P3H0305	08/03/23 09:45	08/04/23 12:43	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	133 %	80-120		P3H0305	08/03/23 09:45	08/04/23 12:43	EPA 8021B	S-GC
Xylenes (total)	ND	0.0400	mg/kg dry	20	[CALC]	08/03/23 09:45	08/04/23 12:43	EPA 8021B
Total BTEX	ND	0.0200	mg/kg dry	20	[CALC]	08/03/23 09:45	08/04/23 12:43	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods								
% Moisture	ND	0.1	%	1	P3H0216	08/02/23 12:25	08/02/23 12:29	ASTM D2216

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: J KEATS 1 2 32 #040H Project Number: 17783 Project Manager: Blake Estep
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Bottom Hole-5 @ 12"
3H01026-03 (Soil)

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

BTEX by 8021B								
Benzene	ND	0.0200	mg/kg dry	20	P3H0305	08/03/23 09:45	08/04/23 13:03	EPA 8021B
Toluene	ND	0.0200	mg/kg dry	20	P3H0305	08/03/23 09:45	08/04/23 13:03	EPA 8021B
Ethylbenzene	ND	0.0200	mg/kg dry	20	P3H0305	08/03/23 09:45	08/04/23 13:03	EPA 8021B
Xylene (p/m)	ND	0.0400	mg/kg dry	20	P3H0305	08/03/23 09:45	08/04/23 13:03	EPA 8021B
Xylene (o)	ND	0.0200	mg/kg dry	20	P3H0305	08/03/23 09:45	08/04/23 13:03	EPA 8021B
Surrogate: 1,4-Difluorobenzene	91.8 %	80-120		P3H0305	08/03/23 09:45	08/04/23 13:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	142 %	80-120		P3H0305	08/03/23 09:45	08/04/23 13:03	EPA 8021B	S-GC
Xylenes (total)	ND	0.0400	mg/kg dry	20	[CALC]	08/03/23 09:45	08/04/23 13:03	EPA 8021B
Total BTEX	ND	0.0200	mg/kg dry	20	[CALC]	08/03/23 09:45	08/04/23 13:03	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods								
% Moisture	ND	0.1	%	1	P3H0216	08/02/23 12:25	08/02/23 12:29	ASTM D2216

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

Bottom Hole-6 @ 12"
3H01026-04 (Soil)

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

BTEX by 8021B								
Benzene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 13:05	EPA 8021B
Toluene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 13:05	EPA 8021B
Ethylbenzene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 13:05	EPA 8021B
Xylene (p/m)	ND	0.0400	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 13:05	EPA 8021B
Xylene (o)	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 13:05	EPA 8021B
Surrogate: 4-Bromofluorobenzene	144 %	80-120			P3H1005	08/10/23 09:31	08/10/23 13:05	EPA 8021B S-GC
Surrogate: 1,4-Difluorobenzene	92.4 %	80-120			P3H1005	08/10/23 09:31	08/10/23 13:05	EPA 8021B
Xylenes (total)	ND	0.0400	mg/kg dry	20	[CALC]	08/10/23 09:31	08/10/23 13:05	EPA 8021B
Total BTEX	ND	0.0200	mg/kg dry	20	[CALC]	08/10/23 09:31	08/10/23 13:05	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods								
% Moisture	ND	0.1	%	1	P3H0216	08/02/23 12:25	08/02/23 12:29	ASTM D2216

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: J KEATS 1 2 32 #040H Project Number: 17783 Project Manager: Blake Estep
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North Wall @ 0-12"
3H01026-05 (Soil)

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

BTEx by 8021B								
Benzene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 13:37	EPA 8021B
Toluene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 13:37	EPA 8021B
Ethylbenzene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 13:37	EPA 8021B
Xylene (p/m)	ND	0.0400	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 13:37	EPA 8021B
Xylene (o)	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 13:37	EPA 8021B
Surrogate: 1,4-Difluorobenzene	91.2 %	80-120		P3H1005	08/10/23 09:31	08/10/23 13:37	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	145 %	80-120		P3H1005	08/10/23 09:31	08/10/23 13:37	EPA 8021B	S-GC
Xylenes (total)	ND	0.0400	mg/kg dry	20	[CALC]	08/10/23 09:31	08/10/23 13:37	EPA 8021B
Total BTEx	ND	0.0200	mg/kg dry	20	[CALC]	08/10/23 09:31	08/10/23 13:37	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods								
% Moisture	ND	0.1	%	1	P3H0216	08/02/23 12:25	08/02/23 12:29	ASTM D2216

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

South Wall @ 0-12"
3H01026-06 (Soil)

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

BTEX by 8021B								
Benzene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 14:02	EPA 8021B
Toluene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 14:02	EPA 8021B
Ethylbenzene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 14:02	EPA 8021B
Xylene (p/m)	ND	0.0400	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 14:02	EPA 8021B
Xylene (o)	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 14:02	EPA 8021B
Surrogate: 4-Bromofluorobenzene	141 %	80-120			P3H1005	08/10/23 09:31	08/10/23 14:02	EPA 8021B S-GC
Surrogate: 1,4-Difluorobenzene	92.4 %	80-120			P3H1005	08/10/23 09:31	08/10/23 14:02	EPA 8021B
Xylenes (total)	ND	0.0400	mg/kg dry	20	[CALC]	08/10/23 09:31	08/10/23 14:02	EPA 8021B
Total BTEX	ND	0.0200	mg/kg dry	20	[CALC]	08/10/23 09:31	08/10/23 14:02	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods								
% Moisture	ND	0.1	%	1	P3H0216	08/02/23 12:25	08/02/23 12:29	ASTM D2216

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

East Wall-#1 @ 0-12"
3H01026-07 (Soil)

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

BTEX by 8021B								
Benzene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 14:23	EPA 8021B
Toluene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 14:23	EPA 8021B
Ethylbenzene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 14:23	EPA 8021B
Xylene (p/m)	ND	0.0400	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 14:23	EPA 8021B
Xylene (o)	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 14:23	EPA 8021B
Surrogate: 1,4-Difluorobenzene	92.4 %	80-120		P3H1005	08/10/23 09:31	08/10/23 14:23	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	151 %	80-120		P3H1005	08/10/23 09:31	08/10/23 14:23	EPA 8021B	S-GC
Xylenes (total)	ND	0.0400	mg/kg dry	20	[CALC]	08/10/23 09:31	08/10/23 14:23	EPA 8021B
Total BTEX	ND	0.0200	mg/kg dry	20	[CALC]	08/10/23 09:31	08/10/23 14:23	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods								
% Moisture	ND	0.1	%	1	P3H0216	08/02/23 12:25	08/02/23 12:29	ASTM D2216

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

East Wall-#2 @ 0-12"
3H01026-08 (Soil)

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

BTEX by 8021B								
Benzene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 14:44	EPA 8021B
Toluene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 14:44	EPA 8021B
Ethylbenzene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 14:44	EPA 8021B
Xylene (p/m)	ND	0.0400	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 14:44	EPA 8021B
Xylene (o)	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 14:44	EPA 8021B
Surrogate: 4-Bromofluorobenzene	150 %	80-120			P3H1005	08/10/23 09:31	08/10/23 14:44	EPA 8021B S-GC
Surrogate: 1,4-Difluorobenzene	92.4 %	80-120			P3H1005	08/10/23 09:31	08/10/23 14:44	EPA 8021B
Xylenes (total)	ND	0.0400	mg/kg dry	20	[CALC]	08/10/23 09:31	08/10/23 14:44	EPA 8021B
Total BTEX	ND	0.0200	mg/kg dry	20	[CALC]	08/10/23 09:31	08/10/23 14:44	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods								
% Moisture	ND	0.1	%	1	P3H0216	08/02/23 12:25	08/02/23 12:29	ASTM D2216

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

West Wall-#1 @ 0-12"
3H01026-09 (Soil)

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

BTEX by 8021B								
Benzene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 15:05	EPA 8021B
Toluene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 15:05	EPA 8021B
Ethylbenzene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 15:05	EPA 8021B
Xylene (p/m)	ND	0.0400	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 15:05	EPA 8021B
Xylene (o)	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 15:05	EPA 8021B
Surrogate: 4-Bromofluorobenzene	157 %	80-120			P3H1005	08/10/23 09:31	08/10/23 15:05	EPA 8021B S-GC
Surrogate: 1,4-Difluorobenzene	92.1 %	80-120			P3H1005	08/10/23 09:31	08/10/23 15:05	EPA 8021B
Xylenes (total)	ND	0.0400	mg/kg dry	20	[CALC]	08/10/23 09:31	08/10/23 15:05	EPA 8021B
Total BTEX	ND	0.0200	mg/kg dry	20	[CALC]	08/10/23 09:31	08/10/23 15:05	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods								
% Moisture	ND	0.1	%	1	P3H0216	08/02/23 12:25	08/02/23 12:29	ASTM D2216

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: J KEATS 1 2 32 #040H Project Number: 17783 Project Manager: Blake Estep
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West Wall-#2 @ 0-12"
3H01026-10 (Soil)

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

BTEX by 8021B								
Benzene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 15:26	EPA 8021B
Toluene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 15:26	EPA 8021B
Ethylbenzene	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 15:26	EPA 8021B
Xylene (p/m)	ND	0.0400	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 15:26	EPA 8021B
Xylene (o)	ND	0.0200	mg/kg dry	20	P3H1005	08/10/23 09:31	08/10/23 15:26	EPA 8021B
Surrogate: 1,4-Difluorobenzene	93.2 %	80-120		P3H1005	08/10/23 09:31	08/10/23 15:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	147 %	80-120		P3H1005	08/10/23 09:31	08/10/23 15:26	EPA 8021B	S-GC
Xylenes (total)	ND	0.0400	mg/kg dry	20	[CALC]	08/10/23 09:31	08/10/23 15:26	EPA 8021B
Total BTEX	ND	0.0200	mg/kg dry	20	[CALC]	08/10/23 09:31	08/10/23 15:26	EPA 8021B

General Chemistry Parameters by EPA / Standard Methods								
% Moisture	ND	0.1	%	1	P3H0216	08/02/23 12:25	08/02/23 12:29	ASTM D2216

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3H0305 - *** DEFAULT PREP ***

Blank (P3H0305-BLK1)		Prepared & Analyzed: 08/03/23								
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		90.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.208		"	0.120		174	80-120			S-GC

LCS (P3H0305-BS1)		Prepared & Analyzed: 08/03/23								
Benzene	0.0878	0.00100	mg/kg	0.100		87.8	80-120			
Toluene	0.0810	0.00100	"	0.100		81.0	80-120			
Ethylbenzene	0.0940	0.00100	"	0.100		94.0	80-120			
Xylene (p/m)	0.187	0.00200	"	0.200		93.3	80-120			
Xylene (o)	0.0870	0.00100	"	0.100		87.0	80-120			
Surrogate: 1,4-Difluorobenzene	0.112		"	0.120		93.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.199		"	0.120		166	80-120			S-GC

LCS Dup (P3H0305-BSD1)		Prepared & Analyzed: 08/03/23								
Benzene	0.0981	0.00100	mg/kg	0.100		98.1	80-120	11.0	20	
Toluene	0.0979	0.00100	"	0.100		97.9	80-120	18.8	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120	15.0	20	
Xylene (p/m)	0.227	0.00200	"	0.200		113	80-120	19.4	20	
Xylene (o)	0.105	0.00100	"	0.100		105	80-120	18.6	20	
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.217		"	0.120		181	80-120			S-GC

Calibration Blank (P3H0305-CCB1)		Prepared & Analyzed: 08/03/23								
Benzene	0.190		ug/kg							
Toluene	0.410		"							
Ethylbenzene	0.440		"							
Xylene (p/m)	1.02		"							
Xylene (o)	0.560		"							
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		89.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.190		"	0.120		158	80-120			S-GC

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3H0305 - *** DEFAULT PREP ***

Calibration Blank (P3H0305-CCB2)				Prepared: 08/03/23 Analyzed: 08/04/23						
Benzene	0.330		ug/kg							
Toluene	0.330		"							
Ethylbenzene	0.900		"							
Xylene (p/m)	1.85		"							
Xylene (o)	1.13		"							B-13
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.191		"	0.120		159	80-120			S-GC

Calibration Check (P3H0305-CCV1)				Prepared & Analyzed: 08/03/23						
Benzene	0.105	0.00100	mg/kg	0.100		105	80-120			
Toluene	0.0979	0.00100	"	0.100		97.9	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.223	0.00200	"	0.200		112	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		90.2	75-125			
Surrogate: 4-Bromofluorobenzene	0.189		"	0.120		157	75-125			S-GC

Calibration Check (P3H0305-CCV2)				Prepared: 08/03/23 Analyzed: 08/04/23						
Benzene	0.0978	0.00100	mg/kg	0.100		97.8	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.228	0.00200	"	0.200		114	80-120			
Xylene (o)	0.109	0.00100	"	0.100		109	80-120			
Surrogate: 4-Bromofluorobenzene	0.210		"	0.120		175	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.4	75-125			

Calibration Check (P3H0305-CCV3)				Prepared: 08/03/23 Analyzed: 08/04/23						
Benzene	0.0958	0.00100	mg/kg	0.100		95.8	80-120			
Toluene	0.0873	0.00100	"	0.100		87.3	80-120			
Ethylbenzene	0.0974	0.00100	"	0.100		97.4	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		101	80-120			
Xylene (o)	0.0964	0.00100	"	0.100		96.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.5	75-125			
Surrogate: 4-Bromofluorobenzene	0.195		"	0.120		162	75-125			S-GC

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3H0305 - *** DEFAULT PREP ***

Matrix Spike (P3H0305-MS1)	Source: 3H01026-03			Prepared: 08/03/23		Analyzed: 08/04/23				
Benzene	0.102	0.00100	mg/kg dry	0.100	0.00160	101	80-120			
Toluene	0.0847	0.00100	"	0.100	0.00460	80.1	80-120			
Ethylbenzene	0.0930	0.00100	"	0.100	ND	93.0	80-120			
Xylene (p/m)	0.180	0.00200	"	0.200	0.00180	89.3	80-120			
Xylene (o)	0.0870	0.00100	"	0.100	ND	87.0	80-120			
Surrogate: 4-Bromofluorobenzene	0.168		"	0.120		140	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.115		"	0.120		95.6	80-120			

Matrix Spike Dup (P3H0305-MSD1)	Source: 3H01026-03			Prepared: 08/03/23		Analyzed: 08/04/23				
Benzene	0.102	0.00100	mg/kg dry	0.100	0.00160	100	80-120	0.447	20	
Toluene	0.0856	0.00100	"	0.100	0.00460	81.0	80-120	1.17	20	
Ethylbenzene	0.0952	0.00100	"	0.100	ND	95.2	80-120	2.38	20	
Xylene (p/m)	0.186	0.00200	"	0.200	0.00180	91.9	80-120	2.81	20	
Xylene (o)	0.0893	0.00100	"	0.100	ND	89.3	80-120	2.61	20	
Surrogate: 4-Bromofluorobenzene	0.174		"	0.120		145	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.114		"	0.120		95.4	80-120			

Batch P3H1005 - *** DEFAULT PREP ***

Blank (P3H1005-BLK1)	Prepared & Analyzed: 08/10/23									
Benzene	ND	0.00100	mg/kg							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.105		"	0.120		87.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.217		"	0.120		181	80-120			S-GC

Permian Basin Environmental Lab, L.P.

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

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

Project: J KEATS 1 2 32 #040H
Project Number: 17783
Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3H1005 - * DEFAULT PREP *****

LCS (P3H1005-BS1)			Prepared & Analyzed: 08/10/23							
Benzene	0.0958	0.00100	mg/kg	0.100		95.8	80-120			
Toluene	0.0995	0.00100	"	0.100		99.5	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120			
Xylene (o)	0.108	0.00100	"	0.100		108	80-120			
Surrogate: 1,4-Difluorobenzene	0.108		"	0.120		89.9	80-120			
Surrogate: 4-Bromofluorobenzene	0.226		"	0.120		188	80-120			S-GC

LCS Dup (P3H1005-BSD1)			Prepared & Analyzed: 08/10/23							
Benzene	0.0946	0.00100	mg/kg	0.100		94.6	80-120	1.24	20	
Toluene	0.0976	0.00100	"	0.100		97.6	80-120	1.90	20	
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120	1.24	20	
Xylene (p/m)	0.230	0.00200	"	0.200		115	80-120	1.84	20	
Xylene (o)	0.106	0.00100	"	0.100		106	80-120	2.32	20	
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		89.6	80-120			
Surrogate: 4-Bromofluorobenzene	0.226		"	0.120		188	80-120			S-GC

Calibration Blank (P3H1005-CCB1)			Prepared & Analyzed: 08/10/23							
Benzene	0.250		ug/kg							
Toluene	0.350		"							
Ethylbenzene	0.590		"							
Xylene (p/m)	1.30		"							
Xylene (o)	0.730		"							
Surrogate: 1,4-Difluorobenzene	0.106		"	0.120		88.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.217		"	0.120		181	80-120			S-GC

Calibration Blank (P3H1005-CCB2)			Prepared & Analyzed: 08/10/23							
Benzene	0.240		ug/kg							
Toluene	0.370		"							
Ethylbenzene	0.490		"							
Xylene (p/m)	1.10		"							
Xylene (o)	0.670		"							
Surrogate: 4-Bromofluorobenzene	0.209		"	0.120		174	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.107		"	0.120		89.0	80-120			

Permian Basin Environmental Lab, L.P.

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

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

Project: J KEATS 1 2 32 #040H
Project Number: 17783
Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3H1005 - * DEFAULT PREP *****

Calibration Check (P3H1005-CCV1)				Prepared & Analyzed: 08/10/23						
Benzene	0.0940	0.00100	mg/kg	0.100		94.0	80-120			
Toluene	0.0981	0.00100	"	0.100		98.1	80-120			
Ethylbenzene	0.113	0.00100	"	0.100		113	80-120			
Xylene (p/m)	0.228	0.00200	"	0.200		114	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	0.224		"	0.120		187	75-125			S-GC
Surrogate: 1,4-Difluorobenzene	0.109		"	0.120		90.7	75-125			

Calibration Check (P3H1005-CCV2)				Prepared & Analyzed: 08/10/23						
Benzene	0.0870	0.00100	mg/kg	0.100		87.0	80-120			
Toluene	0.0815	0.00100	"	0.100		81.5	80-120			
Ethylbenzene	0.0895	0.00100	"	0.100		89.5	80-120			
Xylene (p/m)	0.184	0.00200	"	0.200		92.2	80-120			
Xylene (o)	0.0882	0.00100	"	0.100		88.2	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.7	75-125			
Surrogate: 4-Bromofluorobenzene	0.200		"	0.120		167	75-125			S-GC

Calibration Check (P3H1005-CCV3)				Prepared: 08/10/23 Analyzed: 08/11/23						
Benzene	0.0937	0.00100	mg/kg	0.100		93.7	80-120			
Toluene	0.0952	0.00100	"	0.100		95.2	80-120			
Ethylbenzene	0.108	0.00100	"	0.100		108	80-120			
Xylene (p/m)	0.221	0.00200	"	0.200		111	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 1,4-Difluorobenzene	0.110		"	0.120		91.5	75-125			
Surrogate: 4-Bromofluorobenzene	0.218		"	0.120		182	75-125			S-GC

Matrix Spike (P3H1005-MS1)				Source: 3H02010-11		Prepared: 08/10/23 Analyzed: 08/11/23				
Benzene	0.106	0.00110	mg/kg dry	0.110	0.00154	95.4	80-120			
Toluene	0.100	0.00110	"	0.110	0.00220	89.2	80-120			
Ethylbenzene	0.115	0.00110	"	0.110	ND	104	80-120			
Xylene (p/m)	0.224	0.00220	"	0.220	0.00176	101	80-120			
Xylene (o)	0.104	0.00110	"	0.110	ND	94.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.216		"	0.132		164	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.123		"	0.132		93.1	80-120			

Permian Basin Environmental Lab, L.P.

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch P3H1005 - *** DEFAULT PREP ***

Matrix Spike Dup (P3H1005-MSD1)	Source: 3H02010-11			Prepared: 08/10/23 Analyzed: 08/11/23						
Benzene	0.113	0.00110	mg/kg dry	0.110	0.00154	101	80-120	5.72	20	
Toluene	0.104	0.00110	"	0.110	0.00220	92.4	80-120	3.48	20	
Ethylbenzene	0.117	0.00110	"	0.110	ND	107	80-120	2.05	20	
Xylene (p/m)	0.230	0.00220	"	0.220	0.00176	104	80-120	2.86	20	
Xylene (o)	0.108	0.00110	"	0.110	ND	98.0	80-120	3.67	20	
Surrogate: 4-Bromofluorobenzene	0.208		"	0.132		158	80-120			S-GC
Surrogate: 1,4-Difluorobenzene	0.123		"	0.132		93.2	80-120			

Permian Basin Environmental Lab, L.P.

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

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project: J KEATS 1 2 32 #040H
13000 West County Road 100	Project Number: 17783
Odessa TX, 79765	Project Manager: Blake Estep

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 P3H0216 - *** DEFAULT PREP ***										
Blank (P3H0216-BLK1)				Prepared & Analyzed: 08/02/23						
% Moisture	ND	0.1	%							
Blank (P3H0216-BLK2)				Prepared & Analyzed: 08/02/23						
% Moisture	ND	0.1	%							
Blank (P3H0216-BLK3)				Prepared & Analyzed: 08/02/23						
% Moisture	ND	0.1	%							
Duplicate (P3H0216-DUP1)		Source: 3H01017-07		Prepared & Analyzed: 08/02/23						
% Moisture	1.0	0.1	%		2.0			66.7	20	R3
Duplicate (P3H0216-DUP2)		Source: 3H01019-07		Prepared & Analyzed: 08/02/23						
% Moisture	ND	0.1	%		ND				20	
Duplicate (P3H0216-DUP3)		Source: 3H01024-01		Prepared & Analyzed: 08/02/23						
% Moisture	17.0	0.1	%		17.0			0.00	20	
Duplicate (P3H0216-DUP4)		Source: 3H01026-04		Prepared & Analyzed: 08/02/23						
% Moisture	ND	0.1	%		ND				20	
Duplicate (P3H0216-DUP5)		Source: 3H01027-09		Prepared & Analyzed: 08/02/23						
% Moisture	12.0	0.1	%		11.0			8.70	20	

Permian Basin Environmental Lab, L.P.

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

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E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
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Project: J KEATS 1 2 32 #040H
Project Number: 17783
Project Manager: Blake Estep

Notes and Definitions

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

ROI Received on Ice

R3 The RPD exceeded the acceptance limit due to sample matrix effects.

NPBEL C Chain of Custody was not generated at PBELAB

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

B-13 A common laboratory contaminant was above the RL in the blank

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

10/23/2023

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

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

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Project: J KEATS 1 2 32 #040H
Project Number: 17783
Project Manager: Blake Estep

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

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



DOC #: PBEL_REV_SUBMISSION

REVISION #: PBEL_2021_1

REVISION Date: 10/29/2021

EFFECTIVE DATE: 10/29/2021

REVISION/SUBMISSION FORM

Please fill in the required fields below with any requested revisions. In the event that there are multiple workorders or projects to be amended each workorder or project MUST have a separate form filled out entirely. An amended COC must be submitted in addition to the Revision/Submission Form in order for the amendments to be processed. Amended COC's do not replace the requirement of this form. If a revision is required due to errors or omissions on our part this form is still required for the necessary Non-Conformance documentation. Rerun requests will incur additional charges.

Client: Etech Environmental

Project: 3H01026

Revision Request:

Please change all the sidewall samples to represent a depth
of 0-12" instead of 6".

Submitted by (Name and Date): Blake Estep 10/23/2023

PBEL_REV_SUBMISSION_2021_1.DOC

Page 1 of 1

APPENDIX F

NMOCD Notifications

Erick Herrera

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Wednesday, June 28, 2023 4:03 PM
To: Blake Estep
Cc: Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD
Subject: RE: [EXTERNAL] Confirmation Sampling

Blake,

Please be aware that notification requirements are **two business days**, per rule. You may proceed on your schedule. This, and all correspondence, should be included in the closure report to ensure inclusion in the project file.

JH

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



From: Blake Estep <blake@etechnv.com>
Sent: Wednesday, June 28, 2023 11:58 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: blm_nm_cfo_spill@blm.gov
Subject: [EXTERNAL] Confirmation Sampling

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good afternoon,

Chevron anticipates conducting confirmation soil sampling activities at the following site between June 29-30, 2023:

Site Name: J Keats 1 24 32 #040H
Incident Number: nAPP2307447383
API: 30-025-41582

Thank you,

Blake Estep
Etech Environmental & Safety Solutions, Inc.
P.O. Box 62228

Midland, Texas 79711
Phone: 432-563-2200
Mobile: 432-894-6038
Fax: 432-563-2213

Erick Herrera

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Thursday, July 27, 2023 10:40 AM
To: Blake Estep
Cc: Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD
Subject: RE: [EXTERNAL] Confirmation Sampling

You don't often get email from shelly.wells@emnrd.nm.gov. [Learn why this is important](#)

Hi Blake,

Notification requirements are **two business days**, per rule. You may proceed on your schedule. This, and all correspondence, should be included in the closure report to ensure inclusion in the project file.

Thank you,

Shelly

From: Blake Estep <blake@etechnv.com>
Sent: Thursday, July 27, 2023 9:33 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: blm_nm_cfo_spill@blm.gov
Subject: [EXTERNAL] Confirmation Sampling

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning,

Chevron anticipates conducting confirmation soil sampling activities at the following site between July 31 & August 1, 2023:

Site Name: J Keats 1 24 32 #040H
Incident Number: nAPP2307447383
API: 30-025-41582

Thank you,

Blake Estep
Etech Environmental & Safety Solutions, Inc.
P.O. Box 62228
Midland, Texas 79711
Phone: 432-563-2200
Mobile: 432-894-6038
Fax: 432-563-2213

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

QUESTIONS

Action 303397

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:	4323
	Action Number:	303397
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2307447383
Incident Name	NAPP2307447383 J KEATS 1 24 32 #040H @ 30-025-41582
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-41582] J KEATS 1 24 32 #040H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	J KEATS 1 24 32 #040H
Date Release Discovered	03/14/2023
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Well Crude Oil Released: 2 BBL Recovered: 1 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Well Produced Water Released: 6 BBL Recovered: 0 BBL Lost: 6 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 303397

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:
	4323
	Action Number:
	303397
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 01/18/2024
--	---

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QUESTIONS, Page 3

Action 303397

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:	4323
	Action Number:	303397
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Attached Document
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	2290
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	52700
GRO+DRO (EPA SW-846 Method 8015M)	44500
BTEX (EPA SW-846 Method 8021B or 8260B)	285
Benzene (EPA SW-846 Method 8021B or 8260B)	7.7

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

On what estimated date will the remediation commence	06/16/2023
On what date will (or did) the final sampling or liner inspection occur	07/31/2023
On what date will (or was) the remediation complete(d)	08/31/2023
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	1000
What is the estimated volume (in cubic yards) that will be remediated	500

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 303397

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:	4323
	Action Number:	303397
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	TARGA NORTHERN DELAWARE, LLC. [fAPP2123031392]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 01/18/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 303397

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 303397
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

District I

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QUESTIONS, Page 6

Action 303397

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:	4323
	Action Number:	303397
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	304957
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/20/2023
What was the (estimated) number of samples that were to be gathered	5
What was the sampling surface area in square feet	1000

Remediation Closure Request

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

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1000
What was the total volume (cubic yards) remediated	500
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	None

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 01/18/2024
--	---

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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

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Action 303397

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 303397
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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

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1000 Rio Brazos Rd., Aztec, NM 87410
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CONDITIONS

Action 303397

CONDITIONS

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	Action Number: 303397
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	3/26/2024