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

age 1 of 323

State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	nAPP2106743129
District RP	
Facility ID	
Application ID	20007

# **Release Notification**

## **Responsible Party**

Responsible Party: Centennial Resource Production, Inc	OGRID: 372165
Contact Name: Montgomery Floyd	Contact Telephone: 432-315-0123
Contact email: Montgomery.floyd@cdevinc.com	Incident # nAPP2106743129
Contact mailing address: 500 W. Illinois Ave, Suite 500, Midland Texas 79705	

# **Location of Release Source**

Latitude 32.68302

Longitude <u>-103.72417</u>

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Crazy Wolf 1 2 B2MM Fed Com 1H	Site Type: Production Facility
Date Release Discovered: 2/19/21	API# (if applicable)

Unit Letter	Section	Township	Range	County
М	1	198	32E	Lea

Surface Owner: State Federal Tribal Private (Name:

# Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below) Crude Oil Volume Released (bbls) 105 Volume Recovered (bbls) 75 Produced Water Volume Released (bbls) Volume Recovered (bbls) Is the concentration of dissolved chloride in the Yes No produced water >10,000 mg/l? Condensate Volume Released (bbls) Volume Recovered (bbls) Natural Gas Volume Released (Mcf) Volume Recovered (Mcf) Other (describe) Volume/Weight Released (provide units) Volume/Weight Recovered (provide units)

Cause of Release: A frozen oil dump valve caused oil to be released from the separator and flare. There was no fire. The release was located around the separation equipment and flare. There was a misting of oil to the northwest. The site will be remediated to state standards. There are two other reported spills at the location that will be remediated at the same time: nRM2024537991 and nAPP2100455356.

	State of New Mexico	
orm C-141 Ige 2	Oil Conservation Division	Incident ID District RP
		Facility ID
		Application ID
· · · · · · · · · · · · · · · · · · ·		
Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible par Volume released was greater than 25bbls.	ty consider this a major release?
🛛 Yes 🗌 No		
If YES, was immediate r Yes, email notification w submitted on 3/8/21.	notice given to the OCD? By whom? To whom? What yas given to Jim Griswold on 2/20/21. Also, a NOR of	en and by what means (phone, email, etc)? In the OCD permitting website was filled out and
	Initial Respons	e
The responsible	party must undertake the following actions immediately unless the	y could create a safety hazard that would result in injury
$\square$ The source of the rel	ease has been stopped	
	as been secured to protect human health and the environment	
Keleased materials n	ave been contained via the use of berms or dikes, abso	whent nade or other containment devises
All free liquids and r	ecoverable materials have been removed and manage	
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All free liquids and r	ecoverable materials have been removed and manage	
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All free liquids and r If all the actions describe Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containment	ecoverable materials have been removed and manage d above have <u>not</u> been undertaken, explain why: AC the responsible party may commence remediation a narrative of actions to date. If remedial efforts has nt area (see 19.15.29.11(A)(5)(a) NMAC), please attac	d appropriately. n immediately after discovery of a release. If remedia ve been successfully completed or if the release occu ch all information needed for closure evaluation.
All free liquids and r If all the actions describe Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containmen I hereby certify that the info regulations all operators are public health or the environ failed to adequately investig addition, OCD acceptance o	ecoverable materials have been removed and manage d above have <u>not</u> been undertaken, explain why: AC the responsible party may commence remediation a narrative of actions to date. If remedial efforts ha	d appropriately. n immediately after discovery of a release. If remedia ve been successfully completed or if the release occu ch all information needed for closure evaluation. knowledge and understand that pursuant to OCD rules and id perform corrective actions for releases which may endang ot relieve the operator of liability should their operations hav dwater, surface water, human health or the environment. In
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All free liquids and r If all the actions describe Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containment I hereby certify that the info regulations all operators are public health or the environs failed to adequately investig addition, OCD acceptance of and/or regulations. Printed Name: Jamon Ho Signature:	ecoverable materials have been removed and manage d above have <u>not</u> been undertaken, explain why: AC the responsible party may commence remediation a narrative of actions to date. If remedial efforts have ant area (see 19.15.29.11(A)(5)(a) NMAC), please attack rmation given above is true and complete to the best of my required to report and/or file certain release notifications ar ment. The acceptance of a C-141 report by the OCD does no pate and remediate contamination that pose a threat to groun f a C-141 report does not relieve the operator of responsibil hensee Title: Sr. Environmental Date: 3 cdevinc.com Telephone: 432-241-4283	d appropriately. n immediately after discovery of a release. If remedia ve been successfully completed or if the release occur ch all information needed for closure evaluation. knowledge and understand that pursuant to OCD rules and d perform corrective actions for releases which may endang ot relieve the operator of liability should their operations hav dwater, surface water, human health or the environment. In ity for compliance with any other federal, state, or local laws Analyst

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State of New Mexico Oil Conservation Division

Incident ID	
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Facility ID	
Application ID	

# Site Assessment/Characterization

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

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

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

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

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data

- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release Boring or excavation logs
- Photographs including date and GIS information

2021 12-00-16

Received

- Topographic/Aerial maps
- Laboratory data including chain of custody

f the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 9.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141 Page 4	State of New Mexico Oil Conservation Division	Incident ID District RP Facility ID Application ID
regulations all operators are in public health or the environm failed to adequately investiga addition, OCD acceptance of and/or regulations.	nent. The acceptance of a C-141 report by the OCD does n ate and remediate contamination that pose a threat to groun a C-141 report does not relieve the operator of responsibil	ad perform corrective actions for releases which may endanger ot relieve the operator of liability should their operations have dwater, surface water, human health or the environment. In ity for compliance with any other federal, state, or local laws
	Date:	
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Form C-141 Page 5

State of New Mexico Oil Conservation Division

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# **Remediation Plan**

Remediation Plan Chooldist, Each of the following it was a first of the
Remediation Plan Checklist:       Each of the following items must be included in the plan.         Detailed description of proposed remediation technique       Scaled sitemap with GPS coordinates showing delineation points         Estimated volume of material to be remediated       Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC         Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
Extents of contamination must be fully delineated.
Contamination does not cause an imminent risk to human health, the environment, or groundwater.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: Title:
Signature: Date:
email: Telephone:
OCD Only
Received by: Date:
Approved I Approved with Attached Conditions of Approval Denied Deferral Approved
Signature: Date:

Form C-141 Page 6.

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State of New Mexico Oil Conservation Division

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Facility ID	
Application ID	

# Closure

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

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.
A scaled site and sampling diagram as described in 19.15.29.11 NMAC
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
Description of remediation activities
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules
and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C 141 report by the OCD does not release the second seco
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

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

Printed Name: MONTGOMERY FLOYD	Title: SR ENV ANALYST
Signature: MDZ	Date: 10-8-21
email:	Telephone:
OCD Only	
Received by: Chad Hensley	Date: 11/16/2021
Semediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws and	y of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible l/or regulations.
Closure Approved by:	Date: 11/16/2021
Printed Name: <u>Chad Hensley</u>	Title: Environmental Specialist Advanced
OCD:	
8	



# CLOSURE REQUEST AND REMEDIATION SUMMARY REPORT

Centennial Resource Development, Inc. Crazy Wolf 1 2 B2MM Fed COM 1H Lea County, New Mexico Unit Letter "M", Section 01, Township 19 South, Range 32 East Latitude 32.6830216° North, Longitude 103.724171° West NMOCD Reference # nAPP2010045356 and # nAPP2106743129

Prepared For:

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

Prepared By:

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

September 2021

Sham m Engl

Shannon English, P.G. Project Manager

Hur Joen

Matthew Green, P.G. Senior Project Manager

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INTRODUCTION	1
NMOCD SITE CLASSIFICATION	1
SUMMARY OF SOIL REMEDIATION ACTIVITIES	2
BACKFILL ACTIVITIES	4
RESEEDING ACTIVITIES	4
SITE CLOSURE REQUEST	5
LIMITATIONS	5
DISTRIBUTION	6

### FIGURES

Figure 1 – Site Location Map

Figure 2 – Site Details & Confirmation Soil Sample Map

Figure 3 – Site Details Map – Section A

Figure 4 – Site Details Map – Section B

Figure 5 – Site Details Map – Section C

### TABLES

Table 1 – Pasture Sample Results, Concentrations of Benzene, BTEX, TPH, and Chlorides in Soil

Table 2 - Pad Sample Results, Concentrations of Benzene, BTEX, TPH, and Chlorides in Soil

### **APPENDICES**

Appendix A – Photographic Documentation

Appendix B - Analytical Reports

Appendix C – Soil Boring Log

Appendix D – Release Notification and Corrective Action (Form C-141) (# nAPP2010045356) Release Notification and Corrective Action (Form C-141) (# nAPP2106743129)

## **INTRODUCTION**

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Centennial Resource Development, Inc. (Centennial), has prepared this Closure Request and Remediation Summary Report for the Release Site known as Crazy Wolf 1 2 B2MM Fed COM 1H. The legal description of the Release Site is Unit Letter "M", Section 01, Township 19 South, Range 32 East, in Lea County, New Mexico. The subject property is administered by the New Mexico U.S. Department of the Interior Bureau of Land Management (BLM). The Release Site GPS coordinates are 32.6830216° North and 103.724171° West. Please reference Figure 1 for the Site Location Map, Figure 2 for the Site Details & Confirmation Soil Sample Map, Figure 3 for Site Detail Map – Section A, Figure 4 for Site Detail Map – Section B, and Figure 5 for Site Detail Map – Section C.

On January 3, 2021, a reportable release was discovered by Centennial on the Crazy Wolf 1 2 B2MM Fed COM 1H Site (Release Site). The oil dump valve was stuck in an open position due to debris blocking the outlet, which flooded the gun barrel, resulting in the release. Approximately seventy-five (75) barrels of crude oil was released with sixty (60) barrels recovered, resulting in a net loss of approximately fifteen (15) barrels of crude oil. January 26, 2021, Centennial filed a *Release Notification and Corrective Action Form* (Form C-141) with the New Mexico Oil Conservation Division (NMOCD) and the Department of the Interior Bureau of Land Management (BLM) documenting the release. The Form C-141 is provided as Appendix D.

On February 19, 2021, a second reportable release was discovered by Centennial at the Release Site. Ice blockage in the separator oil dump line resulted in the release. Approximately one hundred and five (105) barrels of crude oil was released with seventy-five (75) barrels recovered, resulting in a net loss of approximately thirty (30) barrels of crude oil. The release affected both the facility pad and the surrounding pasture area. March 8, 2021, Centennial filed a *Release Notification and Corrective Action Form* (Form C-141) with the New Mexico Oil Conservation Division (NMOCD) and the Department of the Interior Bureau of Land Management (BLM) documenting the release. The Form C-141 is provided as Appendix D.

Photographic documentation for the two releases on the Release Site is provided as Appendix A.

### NMOCD SITE CLASSIFICATION

A search of the groundwater database maintained by United States Geological Survey (USGS) did not identify any registered water wells within a quarter (1/4) mile of the Crazy Wolf 1 2 B2MM Fed COM 1H Release Site. A further search of the USGS database identified the closest registered water well is USGS Well #: 324224103444101 located approximately two (2) miles northwest of the Release Site. The average depth to groundwater for USGS Well #: 324224103444101 should be encountered at approximately 117 feet below ground surface (bgs). On December 1, 2020, a soil boring was installed to 100 feet bgs and allowed to remain open for seventy-two (72) hours on the Release Site pad. No groundwater was observed in the boring (Please see Appendix C for reference). No water wells or surface water sites were observed within one thousand (1,000) feet of the Release Site. Based on the NMOCD site classification system, the following remediation levels for the Release Site on the facility pad are as follows:

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

The soil remediation levels for the Release Site in the surrounding pasture are as follows:

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

## SUMMARY OF SOIL REMEDIATION ACTIVITIES

March 3, 2021, Etech commenced excavation and remediation activities at the Release Site utilizing heavy equipment and manual means. Excavated soil was stockpiled on site and remediated utilizing blending and aeration techniques with surrounding clean soil. Excavated and stockpiled soil from the facility pad and pasture area were kept separate for remediation purposes. Excavation activities were conducted in a manner that protected the integrity of the production equipment. Etech hand spotted around all surface equipment and excavated by hand all impacted material within two (2) feet of any production equipment, and utilities in the release area were spotted utilizing a hydro-vac.

On March 18, 2021, concurrent with remediation activities, Etech, on behalf of Centennial, collected composite confirmation soil samples from the pasture and the pad areas.

From the pasture area, Etech collected twenty-three (23) composite surface soil samples (Sample Point 1 through Sample Point 23) and thirty (30) composite confirmation soil samples from the perimeter of the pasture area (North Perimeter 1 through North Perimeter 9, East Perimeter 1, Perimeter South 1 through Perimeter South 9, and West Perimeter 1 through West Perimeter 11). Eight (8) composite confirmation bottom hole samples were collected from the base of the excavation (Bottom Hole 3 @ 4', Bottom Hole 4 @ 4', Bottom Hole 5 @ 4', Bottom Hole 6 @ 3', Bottom Hole 7 @ 3', Bottom Hole 8 @ 3', Bottom Hole 9 @ 4', and Bottom Hole 10 @ 4'). Eighteen (18) confirmation composite soil samples from the sidewalls of the excavated area (North Sidewall 2, East Sidewall 3 through East Sidewall 10, West Sidewall 2 through West Sidewall 9, and South Sidewall 2) and seven composite confirmation soil samples from the pasture stockpiles (West Stockpile 1 through West Stockpile 7).

From the facility pad area, six (6) composite sample points were collected (Sample Point 24 through Sample Point 29) from areas which were remediated in place. Seven (7) composite confirmation soil samples were collected from the base of the excavated area (Bottom Hole 1 @ 12", Bottom Hole 2 @ 2', Bottom Hole 11 @ 4', Bottom Hole 12 @ 4', Bottom Hole 13 @ 3', Bottom Hole 14 @ 2', and Bottom Hole 15 @ 4'). Sixteen (16) composite confirmation soil samples were collected from the excavated area (North Sidewall 1, North Sidewall

3 through North Sidewall 6, East Sidewall 1, East Sidewall 2, East Sidewall 11, East Sidewall 12, West Sidewall 1, West Sidewall 10, South Sidewall 1, and South Sidewall 3 through South Sidewall 6) and three (3) composite confirmation soil samples were collected from the facility pad stockpiles (East Stockpile 1 through East Stockpile 3). (Please reference Table 1, Table 2, Figure 2, Figure 3, Figure 4, and Figure 5.)

Soil samples were submitted to Permian Basin Environmental Lab, LP (PBELAB) in Midland, Texas and analyzed for benzene, toluene, ethylbenzene, and xylene (BTEX) using EPA Method SW 846-8021B, Total Petroleum Hydrocarbons (TPH) using EPA Method SW 846-8015M, and chloride using EPA Method E 300.0.

A review of laboratory analytical results indicated all collected confirmation soil samples collected from the pasture area were below applicable NMOCD regulatory guidelines and/or laboratory method detection limits with the following exceptions: Bottom Hole 3 @ 4' exhibited chloride concentrations above NMOCD regulatory guidelines. Sample Point 1, Sample Point 8, Sample Point 13, Sample Point 14, Sample Point 16 through Sample Point 23, North Perimeter 3, North Perimeter 4, North Perimeter 6 through North Perimeter 9, East Perimeter 1, Perimeter South 7 through Perimeter South 9, Bottom Hole 5 @ 4', Bottom Hole 6 @ 3', Bottom Hole 7 @ 3', Bottom Hole 8 @ 3', Bottom Hole 9 @ 4', Bottom Hole 10 @ 4', North Side Wall 2, East Sidewall 5, East Sidewall 4, through West Sidewall 9, and West Stockpile 1 through West Stockpile 1 through West Stockpile 7 exhibited TPH concentrations above NMOCD regulatory guidelines.

A review of laboratory analytical results indicated all collected confirmation soil samples collected from the facility pad area were below applicable NMOCD regulatory guidelines and/or laboratory method detection limits with the following exceptions, Sample Point 24, Sample Point 27, East Stockpile 1, East Stockpile 3 exhibited TPH concentrations above NMOCD regulatory guidelines. (Please reference Table 1, Table 2, Figure 2, Figure 3, Figure 4, and Figure 5.)

On April 27 and 30, 2021, and May 3, 2021, following further excavation activities, additional confirmation soil samples were collected.

From the pasture area, sixteen (16) confirmation soil samples were collected from the base of the excavated area (Sample Point 8A, Bottom Hole 13 @ 5', Bottom Hole 16 @ 5', Bottom Hole 17 @ 3', Bottom Hole 18 @ 5', Bottom Hole 19 @ 5', Bottom Hole 20 @ 5', Bottom Hole 21 @ 5', Bottom Hole 22 @ 5', Bottom Hole 23 @ 5', and Bottom Hole 5A @ 72" through Bottom Hole 10A @ 72"). Ten (10) composite confirmation perimeter soil samples were collected (North Perimeter 3A, North Perimeter 4A, North Perimeter 6A through North Perimeter 9A, East Perimeter 1A, and Perimeter South 7A through South Perimeter 9A). Nine (9) composite confirmation sidewall soil samples were collected from the sidewalls of the excavated area (North Side Wall 2A @ 36", East Side Wall 5A @ 48", East Side Wall 8A @ 5', and West Side Wall 5A @ 72" through West Side Wall 9A @ 72".) Ten (10) composite confirmation soil samples from the pasture stockpiles (West Stockpile 1A through West Stockpile 7A, and Stockpile 1 Pasture through Stockpile 3 Pasture).

From the facility pad, two (2) composite confirmation sample points were collected (Sample Point 24A @ 6", Sample Point 27A @ 6"), and two (2) composite confirmation soil samples from the stockpiles (Stockpile East 1A and Stockpile East 3A).

Soil samples were submitted to PBELAB and analyzed for TPH concentrations. A review of laboratory analytical results indicated all collected soil samples were below applicable NMOCD regulatory guidelines and/or laboratory method detection limits with the exception of pasture samples Bottom Hole 13 @ 5' and North Perimeter 6A, which exhibited TPH concentrations above NMOCD regulatory guidelines. (Please reference Table 1, Table 2, Figure 2, Figure 3, Figure 4, and Figure 5.)

On May 12, 2021, following further excavation and remediation activities, one (1) composite confirmation bottomhole soil sample was collected from the base of the excavated area (Bottom Hole 13B 6') and one (1) composite confirmation perimeter soil sample was collected (North Perimeter 6B) from the pasture area. Soil samples were submitted to PBELAB and analyzed for TPH concentrations. A review of laboratory analytical results indicated all collected soil samples were below applicable NMOCD regulatory guidelines and/or laboratory method detection limits. (Please reference Table 1, Table 2, Figure 2, Figure 3, Figure 4, and Figure 5.)

On August 18, 2021, one (1) composite confirmation surface sample was collected from the area associated with Sample Point 14 and one composite confirmation soil sample was collected from the base of the excavation in the area associated with Bottom Hole 3 @ 4'. Samples were submitted to PBELAB to be analyzed for chloride and/or TPH concentrations. A review of laboratory analytical results indicated all collected soil samples were below applicable NMOCD regulatory guidelines and/or laboratory method detection limits. (Please reference Table 1, Table 2, Figure 2, Figure 3, Figure 4, and Figure 5.)

Table 1 "Pasture Sample Results" summarizes the Concentrations of Benzene, BTEX, TPH, and Chlorides in Soil, and Table 2 "Pad Sample Results" the Concentrations of Benzene, BTEX, TPH, and Chlorides in Soil. Analytical reports are provided as Appendix B.

## **BACKFILL ACTIVITIES**

May 3<sup>rd</sup> through 20<sup>th</sup>, 2021, the excavated area was backfilled with the remediated stockpiled material and the site was restored and contoured to fit the surrounding area.

## **RESEEDING ACTIVITIES**

On August 18, 2021, the remediated pasture area was seeded, coinciding with the summer monsoon season in Southeastern New Mexico, to aid in revegetation. The USDA Soil Map describes the soil at the Release Site as the Kermit-Palomas fine sands and Pyote and Maljamar fine sands. Based on this description, the BLM Seed Mixture # 2 was used to revegetate the Release Site and will be planted in the amount specified in the pounds pure live seed (PLS) per acre. The seed mixture was applied utilizing a tractor and seed drill. Site inspections will be performed to assess the revegetation progress and evaluate the site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, the BLM will be contacted to determine an effective method for eradication. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate.

### SITE CLOSURE REQUEST

Based on the analytical results of confirmation soil samples collected from the excavation, impacted soils were brought to surface and confirmation soil samples below applicable NMOCD regulatory limits. Etech, on behalf of Centennial, respectfully request that the NMOCD District 1 Office grant site closure to the Crazy Wolf 1 2 B2MM Fed COM 1H Release Site (NMOCD Incident ID#: nAPP2010045356 and # nAPP206743129).

### LIMITATIONS

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

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# DISTRIBUTION

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Copy 3:	Montgomery Floyd Centennial Resource Development, Inc. 500 W. Illinois Avenue Suite 500 Midland, TX 79701
Copy 4:	Etech Environmental & Safety Solutions, Inc. P.O. Box 62228 Midland, TX 79711

# **FIGURES**

**Figure 1 – Site Location Map** 

Figure 2 – Site Details & Confirmation Soil Sample Map

Figure 3 – Site Details Map – Section A

Figure 4 – Site Details Map – Section B

Figure 5 – Site Details Map – Section C

**Closure Request and Remediation Summary Report Crazy Wolf 1 2 B2MM Fed COM 1H** 











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# TABLES

- Table 1 Pasture Sample Results, Concentrations of Benzene,BTEX, TPH, and Chlorides in Soil
- Table 2 Pad Sample Results, Concentrations of Benzene, BTEX,TPH, and Chlorides in Soil

**Closure Request and Remediation Summary Report Crazy Wolf 1 2 B2MM Fed COM 1H** 



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### TABLE 1

### PASTURE SAMPLE RESULTS CONCENTRATIONS OF BENZENE, BTEX, TPH, AND CHLORIDE IN SOIL CENTENNIAL RESOURCE DEVELOPMENT, INC.

Crazy Wolf 1 2 B2MM Fed COM 1H

LEA COUNTY, NEW MEXICO

			N	IETHODS: S	Ml concentration			E 300.0					
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL-	m, p -	0 -	TOTAL XYLENES	TOTAL BTEX	TPH GRO C <sub>6</sub> -C <sub>12</sub>	HOD: SW TPH DRO C <sub>12</sub> -C <sub>28</sub>	TPH ORO C <sub>28</sub> -C <sub>35</sub>	ТОТАL ТРН С <sub>6</sub> -С <sub>35</sub>	CHLORIDE
Limits		10 mg/Kg						50 mg/Kg				100 mg/Kg	600 mg/Kg
Sample Point 1	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	74.5	34.8	109.3	10.4
Sample Point 1A	4/30/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
Sample Point 2	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	29.6	ND	29.6	6.80
Sample Point 3	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	31.1	ND	31.1	5.89
Sample Point 4	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	26.8	ND	26.8	12.4
Sample Point 5	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.89
Sample Point 6	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.01
Sample Point 7	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	32.3	ND	32.3	6.55
Sample Point 8	3/18/2021	ND	0.00131	ND	ND	0.00660	0.00660	0.00791	ND	346	60.3	406.3	7.47
Sample Point 8A	4/30/2021	-	-	-	-	-	-	-	ND	29.4	ND	29.4	-
Sample Point 9	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	36.8	ND	36.8	6.30
Sample Point 10	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	69.4	ND	69.4	6.31
Sample Point 11	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	46.6	ND	46.6	6.61
Sample Point 12	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	43.2	ND	43.2	ND
Sample Point 13	3/18/2021	ND	ND	0.00352	0.00464	0.0527	0.05734	0.06086	70.5	992	157	1,219.5	10.2
Bottom Hole 13 @ 5' Bottom Hole 13B 6'	4/30/2021 5/12/2021	-	-	-	-	-		-	ND ND	81.9 ND	34.0 ND	115.9 ND	-
Sample Point 14	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	260	42.9	302.9	3.15
Sample Point 14	8/18/2021	-	-	-	-	-	-	-	ND	53.8	ND	53.8	-
Sample Point 15	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	64.9	ND	64.9	ND
Sample Point 16	3/18/2021	ND	ND	0.00137	ND	0.0277	0.0277	0.02907	51.3	760	113	924.3	7.60
Bottom Hole 16 @ 5'	4/30/2021	-	-	-	-	-	-	-	ND	28.2	ND	28.2	-
Sample Point 17	3/18/2021	ND	ND	ND	ND	0.0260	0.0260	0.0260	49.9	856	127	1,030	7.46
Bottom Hole 17 @ 3'	4/30/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
Sample Point 18	3/18/2021	ND	ND	ND	ND	0.0179	0.0179	0.0179	39.3	699	115	853.3	3.18
Bottom Hole 18 @ 5'	4/30/2021	-	-	-	-	-	-	-	ND	73.4	ND	73.4	-
Sample Point 19	3/18/2021	ND	ND	0.00130	ND	0.00386	0.00386	0.00516	ND	190	37.4	227.4	ND
Bottom Hole 19 @ 5'	4/30/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
Sample Point 20	3/18/2021	ND	0.00334	0.00420	0.0428	0.0692	0.1120	0.11954	57.1	767	124	948.1	4.51
Bottom Hole 20 @ 5'	4/30/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
Sample Point 21 Bottom Hole 21 @ 5'	3/18/2021 4/30/2021	ND -	0.00200	0.00190	0.00227	0.0296	0.03187	0.03577	48.0 ND	1,020 30.8	176 ND	<b>1,244.0</b> 30.8	5.42
U.S. C.S. C.S. C.S. C.S. C.S. C.S. C.S.			0.00201	-	1	-							
Sample Point 22 Bottom Hole 22 @ 5'	3/18/2021 4/30/2021	ND -	0.00281	0.00333	0.0385	0.0699	0.1084	0.11454	97.4 ND	1,660 52.9	277 ND	<b>2,034.4</b> 52.9	- 8.84
Sample Point 23	3/18/2021	ND	0.00267	0.00205	0.00492	0.0536	0.05852	0.06324	39.1	703	114		3.52

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### TABLE 1

### PASTURE SAMPLE RESULTS CONCENTRATIONS OF BENZENE, BTEX, TPH, AND CHLORIDE IN SOIL CENTENNIAL RESOURCE DEVELOPMENT, INC.

Crazy Wolf 1 2 B2MM Fed COM 1H

LEA COUNTY, NEW MEXICO

			Μ	ETHODS: S	W 846-8021				E 300.0				
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	0 - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C <sub>6</sub> -C <sub>12</sub>	TPH DRO C <sub>12</sub> -C <sub>28</sub>	ТРН ОRО С <sub>28</sub> -С <sub>35</sub>	ТОТАL ТРН С <sub>6</sub> -С <sub>35</sub>	CHLORIDE
Limits		10 mg/Kg			•			50 mg/Kg				100 mg/Kg	600 mg/Kg
Bottom Hole 23 @ 5'	4/30/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
North Perimeter 1	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
North Perimeter 2	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
North Perimeter 3	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	126	ND	126	ND
North Perimeter 3A	4/30/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
North Perimeter 4	3/18/2021	ND	0.00158	ND	0.00551	0.0121	0.01761	0.01919	ND	120	ND	120	ND
North Perimeter 4A	4/30/2021	-	-	-	-	-	-	-	ND	34.6	ND	34.6	-
North Perimeter 5	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
North Perimeter 6	3/18/2021	ND	ND	ND	ND	0.00504	0.00504	0.00504	ND	186	ND	186	ND
North Perimeter 6A	4/30/2021	-	-	-	-	-	-	-	ND	139	ND	139	-
North Perimeter 6B	5/12/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
North Perimeter 7	3/18/2021	ND	0.00125	0.00114	ND	0.00734	0.00734	0.00973	41.4	1,650	235	1,926.4	5.47
North Perimeter 7A	4/30/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
North Perimeter 8	3/18/2021	ND	0.00322	0.00643	0.00904	0.0247	0.03374	0.04339	79.2	2,430	312	2,820	7.59
North Perimeter 8A	4/30/2021	-	-	-	-	-	-	-	ND	73.7	ND	73.7	-
North Perimeter 9	3/18/2021	ND	0.00305	0.00434	0.00735	0.0382	0.04555	0.05294	40.8	1,600	220	1,860.8	4.94
North Perimeter 9A	4/30/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
East Perimeter 1	3/18/2021	ND	0.00233	0.0207	0.107	0.0872	0.1942	0.21723	112	1,480	181	1,773	14.9
East Perimeter 1A	4/30/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
Perimeter South 1	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perimeter South 2	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	43.6	ND	43.6	ND
Perimeter South 3	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perimeter South 4	3/18/2021	ND	ND	ND	0.00240	0.00223	0.00463	0.00463	ND	86.4	ND	86.4	ND
Perimeter South 5	3/18/2021	ND	0.00118	0.00136	0.00684	0.00548	0.01232	0.01486	ND	68.6	ND	68.6	ND
Perimeter South 6	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Perimeter South 7	3/18/2021	ND	0.00136	0.00117	0.00297	0.00460	0.00757	0.01010	ND	294	37.9	331.9	9.95
Perimeter South 7A	4/30/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
Perimeter South 8	3/18/2021	ND	0.00248	0.00343	0.0110	0.0214	0.0324	0.03831	32.8	498	58.9	<b>589.7</b>	10.6
Perimeter South 8A	4/30/2021	-	-	-	-	-	-	-	ND	81.1	ND	81.1	-
Perimeter South 9	3/18/2021	ND	0.00302	0.00533	0.0218	0.0457	0.0675	0.07585	34.9	588	68.8	691.7	10.9
Perimeter South 9A	4/30/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
West Perimeter 1	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	25.2	ND	25.2	7.94
West Perimeter 2	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9.03
West Perimeter 3	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

#### TABLE 1

### PASTURE SAMPLE RESULTS concentrations of benzene, btex, tph, and chloride in soil CENTENNIAL RESOURCE DEVELOPMENT, INC.

Crazy Wolf 1 2 B2MM Fed COM 1H

LEA COUNTY, NEW MEXICO

					EA COUNI Il concentration								
			Μ	IETHODS: S	W 846-8021	В		E 300.0					
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	0 - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C <sub>6</sub> -C <sub>12</sub>	TPH DRO C <sub>12</sub> -C <sub>28</sub>	TPH ORO C <sub>28</sub> -C <sub>35</sub>	TOTAL TPH C <sub>6</sub> -C <sub>35</sub>	CHLORIDE
Limits		10 mg/Kg						50 mg/Kg				100 mg/Kg	600 mg/Kg
West Perimeter 4	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
West Perimeter 5	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3/18/2021	1			 	1						I	
West Perimeter 6		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
West Perimeter 7	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
West Perimeter 8	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
West Perimeter 9	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
West Perimeter 10	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	41.2	ND	41.2	1.73
West Perimeter 11	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bottom Hole 3 @ 4'	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	49.2	ND	49.2	701
Bottom Hole 3 @ 4.5'	8/18/2021	-	-	-	-	-	-	-	-	-	-	-	20.0
East Sidewall 3	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	81.1
South Sidewall 2	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	289
West Sidewall 2	3/18/2021	0.00176	0.0117	0.00561	0.0127	0.00535	0.01805	0.03712	ND	ND	ND	ND	2.62
Bottom Hole 4 @ 4'	3/18/2021	ND	0.00318	0.00184	ND	0.00272	0.00272	0.00774	ND	73.9	ND	73.9	14.9
East Sidewall 4	3/18/2021	ND	0.00451	0.00525	0.00690	0.00284	0.00974	0.01950	ND	ND	ND	ND	11.2
West Sidewall 3	3/18/2021	ND	0.00317	0.00466	0.00664	0.00522	0.01186	0.01969	ND	ND	ND	ND	6.98
Bottom Hole 5 @ 4'	3/18/2021	ND	0.00150	ND	ND	0.00312	0.00312	0.00462	ND	120	ND	120	13.7
Bottom Hole 5A @ 72"	4/27/2021	-	-	-	-	-	-	-	ND	38.1	ND	38.1	-
East Sidewall 5	3/18/2021	0.00118	0.0122	0.0135	0.0221	0.0178	0.0399	0.06678	159	2,540	446	3,145	12.0
East Side Wall 5A @ 48"	4/27/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
West Sidewall 4	3/18/2021	0.00124	0.00869	0.00683	0.00597	0.0264	0.03237	0.04913	27.3	192	ND	219.3	21.0
West Side Wall 4A @ 72"	4/27/2021	-	-	-	-	-	-	-	ND	53.9	ND	53.9	-
Bottom Hole 6 @ 3'	3/18/2021	ND	0.00948	0.00669	0.00214	0.0116	0.01374	0.02991	ND	163	ND	163	28.2
Bottom Hole 6A @ 72"	4/27/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
East Sidewall 6	3/18/2021	0.00174	0.00760	0.00850	0.00835	0.0129	0.02125	0.03909	ND	38.0	ND	38.0	21.7
West Sidewall 5	3/18/2021	ND	0.0827	ND	0.102	0.153	0.255	0.3377	73.1	352	38.6	463.7	25.7
West Side Wall 5A @ 72"	4/27/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
Bottom Hole 7 @ 3'	3/18/2021	ND	0.00472	0.0116	ND	0.0157	0.0157	0.03202	26.4	166	ND	<u>192.4</u>	34.0
Bottom Hole 7A @ 72"	4/27/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
East Sidewall 7	3/18/2021	ND	0.00563	0.00608	0.00777	0.00284	0.01061	0.02232	ND	ND	ND	ND	3.31
West Sidewall 6	3/18/2021	0.00470	0.0849	0.0962	0.0302	0.111	0.1412	0.32700	ND	259	29.8	288.8	15.9
West Side Wall 6A @ 72"	4/27/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
Bottom Hole 8 @ 3'	3/18/2021	0.00975	0.0822	0.0512	0.0192	0.0423	0.0615	0.20465	26.8	192	25.9	245	2.76
Bottom Hole 8A @ 72"	4/27/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
East Sidewall 8	3/18/2021	ND	0.00516	0.00658	0.00612	0.00632	0.01244	0.02418	ND	171	33.0	204.0	7.25
East Side Wall 8A @ 5'	4/27/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
West Sidewall 7	3/18/2021	ND	0.0636	0.155	0.0819	0.122	0.2039	0.4225	ND	220	25.4	245.4	3.34
West Side Wall 7A @ 72"	4/27/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-

#### TABLE 1

#### PASTURE SAMPLE RESULTS concentrations of benzene, btex, tph, and chloride in soil CENTENNIAL RESOURCE DEVELOPMENT, INC.

Crazy Wolf 1 2 B2MM Fed COM 1H

LEA COUNTY, NEW MEXICO

			Μ	ETHODS: S	W 846-8021			E 300.0					
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	0 - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C <sub>6</sub> -C <sub>12</sub>	TPH DRO C <sub>12</sub> -C <sub>28</sub>	ТРН ОRО С <sub>28</sub> -С <sub>35</sub>	ТОТАL ТРН С <sub>6</sub> -С <sub>35</sub>	CHLORIDE
Limits		10 mg/Kg						50 mg/Kg				100 mg/Kg	600 mg/Kg
Bottom Hole 9 @ 4'	3/18/2021	ND	0.00387	0.00874	0.00588	0.00486	0.01074	0.02335	ND	243	36.6	279.6	4.45
Bottom Hole 9A @ 72"	4/27/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
East Sidewall 9	3/18/2021	0.00841	0.0367	0.0231	0.0214	0.00847	0.02987	0.09808	ND	50.1	ND	50.1	5.32
West Sidewall 8	3/18/2021	0.00291	0.0799	0.0791	0.0415	0.0562	0.0977	0.25961	ND	351	40.1	391.1	ND
West Side Wall 8A @ 72"	4/27/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
Bottom Hole 10 @ 4'	3/18/2021	0.0142	0.0688	0.0268	0.00575	0.0148	0.02055	0.13035	ND	141	ND	141	ND
Bottom Hole 10A @ 72"	4/27/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
North Sidewall 2	3/18/2021	0.00302	0.0543	0.0619	0.0702	0.0387	0.1089	0.22812	27.2	325	45.7	<u>397.9</u>	2.81
North Side Wall 2A @ 36"	4/27/2021	-	-	-	-	-	-	-	ND	36.7	ND	36.7	-
East Sidewall 10	3/18/2021	ND	0.00191	0.00465	0.00658	0.00393	0.01051	0.01707	ND	ND	ND	ND	48.7
West Sidewall 9	3/18/2021	0.00558	0.158	0.145	0.201	0.152	0.353	0.66158	134	551	63.5	748.5	88.4
West Side Wall 9A @ 72"	4/27/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
West Stockpile 1	3/18/2021	0.00218	0.736	1.32	1.56	0.635	2.195	4.25318	47.1	237	32.8	316.9	9.68
West Stockpile 1A	4/30/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
West Stockpile 2	3/18/2021	0.00420	1.29	1.67	1.75	0.660	2.410	5.37420	34.0	191	26.6	251.6	8.06
West Stockpile 2A	4/30/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
West Stockpile 3	3/18/2021	0.00348	0.202	0.327	0.525	0.145	0.670	1.20248	ND	125	ND	125	16.2
West Stockpile 3A	4/30/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
West Stockpile 4	3/18/2021	ND	1.47	0.537	0.636	0.156	0.792	2.799	27.4	209	27.6	264.0	24.4
West Stockpile 4A	4/30/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
West Stockpile 5	3/18/2021	ND	0.171	0.889	1.44	0.661	2.101	3.161	127	1,240	161	1,528	1.18
West Stockpile 5A	4/30/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
West Stockpile 6	3/18/2021	ND	0.706	1.80	2.02	1.01	3.03	5.536	119	896	130	1,145	1.28
West Stockpile 6A	5/3/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
West Stockpile 7	3/18/2021	ND	0.0635	0.106	0.118	0.0682	0.1862	0.3557	59.4	608	89.2	756.6	8.49
West Stockpile 7A	5/3/2021	-	-	-	-	-	-	-	ND	ND	ND	ND	-
Stockpile 1 Pasture	4/30/2021	-	-	-	-	-	-	-	ND	61.7	ND	61.7	-
Stockpile 2 Pasture	4/30/2021	-	-	-	-	-	-	-	ND	50.0	ND	50.0	-
Stockpile 3 Pasture	4/30/2021	-	-	-	_	_	-	-	ND	44.5	ND	44.5	<u> </u>

Bold and yellow highlighted indicates analyte above NMOCD Regulatory Limit.

"ND" indicates analyte was not detected above the laboratory method detection limit.

"-" Indicates analyte not analyzed.

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### TABLE 2

### PAD SAMPLE RESULTS CONCENTRATIONS OF BENZENE, BTEX, TPH, AND CHLORIDE IN SOIL CENTENNIAL RESOURCE DEVELOPMENT, INC.

## Crazy Wolf 1 2 B2MM Fed COM 1H

LEA COUNTY, NEW MEXICO All concentrations are reported in mg/Kg

	All concentrations are reported in mg/Kg METHODS: SW 846-8021B METHOD: SW 8015M												
			N	IETHODS:	SW 846-8021	B			E 300.0				
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	0 - XYLENE	TOTAL XYLENES	TOTAL BTEX	TPH GRO C <sub>6</sub> -C <sub>12</sub>	TPH DRO C <sub>12</sub> -C <sub>28</sub>	ТРН О <b>RO</b> С <sub>28</sub> -С <sub>35</sub>	ТОТАL ТРН С <sub>6</sub> -С <sub>35</sub>	CHLORIDE
Limits		10 mg/Kg						50 mg/Kg				2,500 mg/Kg	10,000 mg/Kg
Bottom Hole 1 @ 12"	3/18/2021	ND	0.00171	ND	ND	0.00383	0.00383	0.00554	ND	619	96.2	715.2	189
North Sidewall 1	3/18/2021	ND	0.00565	0.00450	0.00707	0.00335	0.01042	0.02057	ND	158	40.4	198.4	439
East Sidewall 1	3/18/2021	0.00178	0.0137	0.0141	0.0220	0.0105	0.0325	0.06208	ND	495	77.0	572	350
South Sidewall 1	3/18/2021	ND	0.00201	0.00420	0.00299	0.00522	0.00821	0.01442	ND	247	35.2	282.2	146
West Sidewall 1	3/18/2021	ND	0.00156	ND	ND	0.00649	0.00649	0.00805	ND	587	68.2	655.2	329
Bottom Hole 2 @ 2'	3/18/2021	ND	0.00280	0.0244	0.00310	0.0376	0.04070	0.06790	68.5	1,980	305	2,353.5	125
North Sidewall 6	3/18/2021	0.00236	0.00106	0.00435	0.0105	ND	0.0105	0.01827	ND	52.8	ND	52.8	23.6
East Sidewall 2	3/18/2021	0.00118	0.00596	0.00210	0.00441	0.00312	0.00753	0.01677	ND	104	ND	104	60.5
Bottom Hole 11 @ 4'	3/18/2021	0.00352	0.0554	0.0997	0.0756	0.0990	0.1746	0.33322	41.1	415	50.5	506.6	13.9
North Sidewall 3	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	69.3
South Sidewall 3	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18.6
Bottom Hole 12 @ 4'	3/18/2021	0.00232	0.0304	0.0244	0.0141	0.0282	0.0423	0.09942	64.5	889	133	1,086.5	18.9
East Sidewall 11	3/18/2021	ND	0.00310	0.00887	0.0122	0.00533	0.01753	0.02950	ND	85.0	ND	85.0	ND
West Sidewall 10	3/18/2021	ND	0.0169	0.0569	0.0582	0.0365	0.0947	0.1685	31.2	105	ND	136.2	40.4
Bottom Hole 13 @ 3'	3/18/2021	0.00137	0.0204	0.00390	ND	0.0541	0.0541	0.07977	ND	349	48.4	397.4	57.1
East Sidewall 12	3/18/2021	0.00144	0.109	0.175	0.147	0.115	0.262	0.54744	145	1,630	191	1,966	28.0
South Sidewall 4	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.59
Bottom Hole 14 @ 2'	3/18/2021	0.0107	0.0300	0.00749	0.00733	0.0199	0.02723	0.07542	56.2	700	94.9	851.1	39.8
North Sidewall 4	3/18/2021	ND	0.0119	0.00981	0.0112	0.00501	0.01621	0.03792	ND	47.4	ND	47.4	11.7
South Sidewall 5	3/18/2021	ND	0.00309	0.00437	0.00526	0.00288	0.00814	0.01560	40.0	619	81.2	740.2	10.4
Bottom Hole 15 @ 4'	3/18/2021	0.00449	0.0457	0.0815	0.0868	0.0469	0.1337	0.26539	ND	446	62.3	508.3	130
North Sidewall 5	3/18/2021	ND	0.00565	0.00606	0.00715	0.00572	0.01287	0.02458	35.3	738	95.0	868.3	68.5
South Sidewall 6	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	530	76.2	606.2	170
Sample Point 24	3/18/2021	0.00195	0.0122	0.00324	0.0254	0.164	0.1894	0.20679	147	2,110	357	2,614	387
Sample Point 24A @ 6"	4/27/2021	-	-	-	-	-	-	-	ND	126	31.9	157.9	-
Sample Point 25	3/18/2021	0.00228	0.0152	0.00334	0.0222	0.164	0.1862	0.20702	79.8	737	116	932.8	172
Sample Point 26	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	119	ND	119	281
	3/18/2021	ND			0.00609	0.00720	I			1	1		
Sample Point 27 Sample Point 27A @ 6"	4/27/2021	- ND	ND -	0.00270	-	-	0.01329	0.01599	ND ND	2,750 623	350 116	<b>3,100</b> 739	678
Sample Point 28	3/18/2021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	336
•	3/18/2021	1									-		
Sample Point 29		ND	ND	ND	ND	ND	ND	ND	ND	330	60.2	390.2	62.6
East Stockpile 1	3/18/2021	0.00163	0.880	2.11	2.37	1.34	3.71	6.7016	261	2,150	300	2,711	88.3
Stockpile East 1A	4/27/2021	-	-	-	-	-	-	-	126	1,840	217	2,183	-
East Stockpile 2	3/18/2021	0.0398	2.32	1.36	1.34	0.343	1.683	5.4028	34.7	1,270	180	1,484.7	142
East Stockpile 3	3/18/2021	ND	0.0746	0.170	0.149	0.0998	0.2488	0.4934	225	2,710	392	3,327	131
Stockpile East 3A	04/27/201	-	-	-	-	-	-	-	170	1,900	295	2,365	-

Bold and yellow highlighted indicates analyte above NMOCD Regulatory Limit.

"ND" indicates analyte was not detected above the laboratory method detection limit.

"-" Indicates analyte not analyzed.

# **APPENDIX A**

# **Photographic Documentation**

**Closure Request and Remediation Summary Report Crazy Wolf 1 2 B2MM Fed COM 1H** 



















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Photographic Documentation

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Project Name: Crazy Wolf 1 2 B2MM Fed Com 1H Project No: 13636





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Project Name: Crazy Wolf 1 2 B2MM Fed Com 1H Project No: 13636 Photographic Documentation





Project Name: Crazy Wolf 1 2 B2MM Fed Com 1H Project No: 13636 Page 38 of 323



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Project Name: Crazy Wolf 1 2 B2MM Fed Com 1H Project No: 13636

#### Photographic Documentation



Project Name: Crazy Wolf 1 2 B2MM Fed Com 1H Project No: 13636

#### Photographic Documentation



## **APPENDIX B**

### Laboratory Analytical Reports

**Closure Request and Remediation Summary Report Crazy Wolf 1 2 B2MM Fed COM 1H** 



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



# Analytical Report

### **Prepared for:**

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

> Project: Crazy Wolf 1H Flare Project Number: 13636 Location: NM

> Lab Order Number: 1C22021



NELAP/TCEQ # T104704516-17-8

Report Date: 04/07/21

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E Tech Environmental & Safety Solutions, Inc. [1]	Project: Crazy Wolf 1H Flare	
13000 West County Road 100	Project Number: 13636	
Odessa TX, 79765	Project Manager: Tim McMinn	

ANALYTICAL REPORT FOR SAMPLES

#### Fax: (432) 563-2213

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1	1C22021-01	Soil	03/18/21 14:00	03-22-2021 10:21
SP-2	1C22021-02	Soil	03/18/21 14:01	03-22-2021 10:21
SP-3	1C22021-03	Soil	03/18/21 14:02	03-22-2021 10:21
SP-4	1C22021-04	Soil	03/18/21 14:03	03-22-2021 10:21
SP-5	1C22021-05	Soil	03/18/21 14:04	03-22-2021 10:21
SP-6	1C22021-06	Soil	03/18/21 14:05	03-22-2021 10:21
SP-7	1C22021-07	Soil	03/18/21 14:06	03-22-2021 10:21
SP-8	1C22021-08	Soil	03/18/21 14:07	03-22-2021 10:21
SP-9	1C22021-09	Soil	03/18/21 14:08	03-22-2021 10:21
SP-10	1C22021-10	Soil	03/18/21 14:09	03-22-2021 10:21
SP-11	1C22021-11	Soil	03/18/21 14:10	03-22-2021 10:21
SP-12	1C22021-12	Soil	03/18/21 14:11	03-22-2021 10:21
SP-13	1C22021-13	Soil	03/18/21 14:12	03-22-2021 10:21
SP-14	1C22021-14	Soil	03/18/21 14:13	03-22-2021 10:21
SP-15	1C22021-15	Soil	03/18/21 14:14	03-22-2021 10:21
SP-16	1C22021-16	Soil	03/18/21 14:15	03-22-2021 10:21
SP-17	1C22021-17	Soil	03/18/21 14:16	03-22-2021 10:21
SP-18	1C22021-18	Soil	03/18/21 14:17	03-22-2021 10:21
SP-19	1C22021-19	Soil	03/18/21 14:18	03-22-2021 10:21
SP-20	1C22021-20	Soil	03/18/21 14:19	03-22-2021 10:21
SP-21	1C22021-21	Soil	03/18/21 14:20	03-22-2021 10:21
SP-22	1C22021-22	Soil	03/18/21 14:21	03-22-2021 10:21
SP-23	1C22021-23	Soil	03/18/21 14:22	03-22-2021 10:21
SP-24	1C22021-24	Soil	03/18/21 14:23	03-22-2021 10:21
SP-25	1C22021-25	Soil	03/18/21 14:24	03-22-2021 10:21
BH-1 @ 12"	1C22021-26	Soil	03/18/21 14:25	03-22-2021 10:21
BH-2 @ 2'	1C22021-27	Soil	03/18/21 14:26	03-22-2021 10:21
BH-3 @ 4'	1C22021-28	Soil	03/18/21 14:27	03-22-2021 10:21
BH-4 @ 4'	1C22021-29	Soil	03/18/21 14:28	03-22-2021 10:21
BH-5 @ 4'	1C22021-30	Soil	03/18/21 14:29	03-22-2021 10:21
BH-6 @ 3'	1C22021-31	Soil	03/18/21 14:30	03-22-2021 10:21
BH-7 @ 3'	1C22021-32	Soil	03/18/21 14:31	03-22-2021 10:21
BH-8 @ 3'	1C22021-33	Soil	03/18/21 14:32	03-22-2021 10:21
BH-9 @ 4'	1C22021-34	Soil	03/18/21 14:33	03-22-2021 10:21

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare
13000 West County Road 100	Project Number:	13636
Odessa TX, 79765	Project Manager:	Tim McMinn

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH-10 @ 4'	1C22021-35	Soil	03/18/21 14:34	03-22-2021 10:21
BH-11 @ 4'	1C22021-36	Soil	03/18/21 14:35	03-22-2021 10:21
BH-12 @ 4'	1C22021-37	Soil	03/18/21 14:36	03-22-2021 10:21
BH-13 @ 3'	1C22021-38	Soil	03/18/21 14:37	03-22-2021 10:21
BH-14 @ 2'	1C22021-39	Soil	03/18/21 14:38	03-22-2021 10:21
BH-15 @ 4'	1C22021-40	Soil	03/18/21 14:39	03-22-2021 10:21
W Stockpile 1	1C22021-41	Soil	03/18/21 14:40	03-22-2021 10:21
W Stockpile 2	1C22021-42	Soil	03/18/21 14:41	03-22-2021 10:21
W Stockpile 3	1C22021-43	Soil	03/18/21 14:42	03-22-2021 10:21
W Stockpile 4	1C22021-44	Soil	03/18/21 14:43	03-22-2021 10:21
W Stockpile 5	1C22021-45	Soil	03/18/21 14:44	03-22-2021 10:21
W Stockpile 6	1C22021-46	Soil	03/18/21 14:45	03-22-2021 10:21
W Stockpile 7	1C22021-47	Soil	03/18/21 14:46	03-22-2021 10:21
East Stockpile 1	1C22021-48	Soil	03/18/21 14:47	03-22-2021 10:21
East Stockpile 2	1C22021-49	Soil	03/18/21 14:48	03-22-2021 10:21
East Stockpile 3	1C22021-50	Soil	03/18/21 14:49	03-22-2021 10:21
NSW-1	1C22021-51	Soil	03/18/21 14:50	03-22-2021 10:21
NSW-2	1C22021-52	Soil	03/18/21 14:51	03-22-2021 10:21
NSW-3	1C22021-53	Soil	03/18/21 14:52	03-22-2021 10:21
NSW-4	1C22021-54	Soil	03/18/21 14:53	03-22-2021 10:21
NSW-5	1C22021-55	Soil	03/18/21 14:54	03-22-2021 10:21
NSW-6	1C22021-56	Soil	03/18/21 14:55	03-22-2021 10:21
ESW-1	1C22021-57	Soil	03/18/21 14:56	03-22-2021 10:21
ESW-2	1C22021-58	Soil	03/18/21 14:57	03-22-2021 10:21
ESW-3	1C22021-59	Soil	03/18/21 14:58	03-22-2021 10:21
ESW-4	1C22021-60	Soil	03/18/21 14:59	03-22-2021 10:21
ESW-5	1C22021-61	Soil	03/18/21 15:00	03-22-2021 10:21
ESW-6	1C22021-62	Soil	03/18/21 15:01	03-22-2021 10:21
ESW-7	1C22021-63	Soil	03/18/21 15:02	03-22-2021 10:21
ESW-8	1C22021-64	Soil	03/18/21 15:03	03-22-2021 10:21
ESW-9	1C22021-65	Soil	03/18/21 15:04	03-22-2021 10:21
ESW-10	1C22021-66	Soil	03/18/21 15:05	03-22-2021 10:21
ESW-11	1C22021-67	Soil	03/18/21 15:06	03-22-2021 10:21
ESW-12	1C22021-68	Soil	03/18/21 15:07	03-22-2021 10:21

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare
13000 West County Road 100	Project Number:	13636
Odessa TX, 79765	Project Manager:	Tim McMinn

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SSW-1	1C22021-69	Soil	03/18/21 15:08	03-22-2021 10:21
SSW-2	1C22021-70	Soil	03/18/21 15:09	03-22-2021 10:21
NP-7	1C22022-01	Soil	03/18/21 15:30	03-22-2021 10:21
NP-8	1C22022-02	Soil	03/18/21 15:31	03-22-2021 10:21
NP-9	1C22022-03	Soil	03/18/21 15:32	03-22-2021 10:21
EP-1	1C22022-04	Soil	03/18/21 15:33	03-22-2021 10:21
PS-1	1C22022-05	Soil	03/18/21 15:34	03-22-2021 10:21
PS2	1C22022-06	Soil	03/18/21 15:35	03-22-2021 10:21
PS-3	1C22022-07	Soil	03/18/21 15:36	03-22-2021 10:21
PS-4	1C22022-08	Soil	03/18/21 15:37	03-22-2021 10:21
PS-5	1C22022-09	Soil	03/18/21 15:38	03-22-2021 10:21
PS-6	1C22022-10	Soil	03/18/21 15:39	03-22-2021 10:21
WSW-7	1C22022-11	Soil	03/18/21 15:20	03-22-2021 10:21
WSW-8	1C22022-12	Soil	03/18/21 15:21	03-22-2021 10:21
WSW-9	1C22022-13	Soil	03/18/21 15:22	03-22-2021 10:21
WSW-10	1C22022-14	Soil	03/18/21 15:23	03-22-2021 10:21
NP-1	1C22022-15	Soil	03/18/21 15:24	03-22-2021 10:21
NP-2	1C22022-16	Soil	03/18/21 15:25	03-22-2021 10:21
NP-3	1C22022-17	Soil	03/18/21 15:26	03-22-2021 10:21
NP-4	1C22022-18	Soil	03/18/21 15:27	03-22-2021 10:21
NP-5	1C22022-19	Soil	03/18/21 15:28	03-22-2021 10:21
NP-6	1C22022-20	Soil	03/18/21 15:29	03-22-2021 10:21
SSW-3	1C22022-21	Soil	03/18/21 15:10	03-22-2021 10:21
SSW-4	1C22022-22	Soil	03/18/21 15:11	03-22-2021 10:21
SSW-5	1C22022-23	Soil	03/18/21 15:12	03-22-2021 10:21
SSW-6	1C22022-24	Soil	03/18/21 15:13	03-22-2021 10:21
WSW-1	1C22022-25	Soil	03/18/21 15:14	03-22-2021 10:21
WSW-2	1C22022-26	Soil	03/18/21 15:15	03-22-2021 10:21
WSW-3	1C22022-27	Soil	03/18/21 15:16	03-22-2021 10:21
WSW-4	1C22022-28	Soil	03/18/21 15:17	03-22-2021 10:21
WSW-5	1C22022-29	Soil	03/18/21 15:18	03-22-2021 10:21
WSW-6	1C22022-30	Soil	03/18/21 15:19	03-22-2021 10:21
PS-7	1C22022-31	Soil	03/18/21 15:40	03-22-2021 10:21
PS-8	1C22022-32	Soil	03/18/21 15:41	03-22-2021 10:21

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PS-9	1C22022-33	Soil	03/18/21 15:42	03-22-2021 10:21
WP-1	1C22022-34	Soil	03/18/21 15:43	03-22-2021 10:21
WP-2	1C22022-35	Soil	03/18/21 15:44	03-22-2021 10:21
WP-3	1C22022-36	Soil	03/18/21 15:45	03-22-2021 10:21
WP-4	1C22022-37	Soil	03/18/21 15:46	03-22-2021 10:21
WP-5	1C22022-38	Soil	03/18/21 15:47	03-22-2021 10:21
WP-6	1C22022-39	Soil	03/18/21 15:48	03-22-2021 10:21
WP-7	1C22022-40	Soil	03/18/21 15:49	03-22-2021 10:21
WP-8	1C22022-41	Soil	03/18/21 15:50	03-22-2021 10:21
WP-9	1C22022-42	Soil	03/18/21 15:51	03-22-2021 10:21
WP-10	1C22022-43	Soil	03/18/21 15:52	03-22-2021 10:21
WP-11	1C22022-44	Soil	03/18/21 15:53	03-22-2021 10:21
SP-26	1C22022-45	Soil	03/18/21 15:58	03-22-2021 10:21
SP-27	1C22022-46	Soil	03/18/21 16:02	03-22-2021 10:21
SP-28	1C22022-47	Soil	03/18/21 16:06	03-22-2021 10:21
SP-29	1C22022-48	Soil	03/18/21 16:10	03-22-2021 10:21

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

#### SP-1 1C22021-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	Pern	11an Basin F	Environmen	tal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-1.	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		112 %	80-1.	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EP	A / Standard Method	S							
Chloride	10.4	1.00	mg/kg dry	1	P1C2620	03/26/21	03/28/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C3	5 by EPA Method 80	15M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
>C12-C28	74.5	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
>C28-C35	34.8	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		89.0 %	70-1.	30	P1C2408	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		90.7 %	70-1.	30	P1C2408	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	109	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
		1C22	SP-2 021-02 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Environmer	ıtal Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ods							
Chloride	6.80	1.00	mg/kg dry	1	P1C2620	03/26/21	03/28/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
>C12-C28	29.6	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		89.7 %	70-1	30	P1C2408	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		93.0 %	70-1	30	P1C2408	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	29.6	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	SP-3 021-03 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Invironmen	ital Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ods							
Chloride	5.89	1.00	mg/kg dry	1	P1C2620	03/26/21	03/28/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
>C12-C28	31.1	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		88.0 %	70-1	30	P1C2408	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		88.6 %	70-1	30	P1C2408	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	31.1	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
		1C22	SP-4 021-04 (Soi	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Environmer	ntal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ods							
Chloride	12.4	1.00	mg/kg dry	1	P1C2620	03/26/21	03/28/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
>C12-C28	26.8	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		84.2 %	70-1	30	P1C2408	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		83.9 %	70-1	30	P1C2408	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	26.8	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	cale	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
		1C22	SP-5 021-05 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmen	tal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-12	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-12	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Star	ndard Metho	ds							
Chloride	5.89	1.00	mg/kg dry	1	P1C2620	03/26/21	03/28/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by El	PA Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		81.6 %	70-13	0	P1C2408	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		83.9 %	70-13	0	P1C2408	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	SP-6 021-06 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmen	tal Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		112 %	80-12	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		107 %	80-12	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Metho	ods							
Chloride	6.01	1.00	mg/kg dry	1	P1C2620	03/26/21	03/28/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2408	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		89.6 %	70-13	30	P1C2408	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		93.0%	70-13	30	P1C2408	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Manaj			re			Fax: (432) 56	3-2213
		1C22	SP-7 021-07 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin F	Invironmen	ital Lab, I	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ods							
Chloride	6.55	1.00	mg/kg dry	1	P1C2620	03/26/21	03/28/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	3015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	32.3	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		93.4 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		99.9 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	32.3	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	SP-8 021-08 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	·mian Basin F	Invironmen	ital Lab, I	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene 0.	.00131	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o) 0	.00660	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1.	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-1.	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Metho	ods							
Chloride	7.47	1.00	mg/kg dry	1	P1C2620	03/26/21	03/28/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	346	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	60.3	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		96.6 %	70-1.	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		101 %	70-1.	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	406	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Numl Project Manaș			re			Fax: (432) 56	3-2213
		1C22	SP-9 021-09 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin E	Cnvironmer	ital Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ods							
Chloride	6.30	1.00	mg/kg dry	1	P1C2620	03/26/21	03/28/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	36.8	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		94.1 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		92.2 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	36.8	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
		1C22	SP-10 021-10 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Cnvironmer	ıtal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ods							
Chloride	6.31	1.00	mg/kg dry	1	P1C2620	03/26/21	03/28/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	3015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	69.4	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		93.9 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		97.8 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	69.4	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	SP-11 021-11 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmer	ital Lab, I	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ods							
Chloride	6.61	1.00	mg/kg dry	1	P1C2620	03/26/21	03/28/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	46.6	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		95.3 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		96.7 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	46.6	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
		_	SP-12 021-12 (Soi						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Environmer	ital Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ods							
Chloride	ND	1.00	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	43.2	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		95.4 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		102 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	43.2	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Manaj			re			Fax: (432) 56	53-2213
		1C22	SP-13 021-13 (Soi	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin F	Environmer	ital Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene	0.00352	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	).00464	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o)	0.0527	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		105 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Meth	ods							
Chloride	10.2	1.00	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method	8015M							
C6-C12	70.5	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	992	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	157	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		97.8 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		92.2 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1220	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
		1C22	SP-14 021-14 (Soi	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmer	ıtal Lab, I	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ods							
Chloride	3.15	1.00	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	260	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	42.9	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		97.8 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		96.1 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	303	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	SP-15 021-15 (Soi	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin F	Environmer	ital Lab, I	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		100 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Meth	ods							
Chloride	ND	1.00	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	64.9	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		94.2 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		96.2 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	64.9	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Fax: (432) 56	53-2213						
		1C22	SP-16 021-16 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmen	ital Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene 0	.00137	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o)	0.0277	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Metho	ds							
Chloride	7.60	1.00	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	51.3	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	760	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	113	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		94.0 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		87.0 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	925	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	SP-17 021-17 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmer	ıtal Lab, I	<b>P</b> .				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o)	).0260	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Standar	rd Metho	ds							
Chloride	7.46	1.00	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA N	Method 8	015M							
C6-C12	49.9	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	856	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	127	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		95.8 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		100 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1030	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Fax: (432) 50	53-2213						
		1C22	SP-18 021-18 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin F	Invironmen	ital Lab, I	<b>P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o)	0.0179	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Meth	ods							
Chloride	3.18	1.00	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	39.3	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	699	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	115	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		100 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		96.4 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	853	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	SP-19 021-19 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin F	Invironmen	ital Lab, l	<b>P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene 0.0	00130	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (o) 0.0	00386	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-1.	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1.	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Standar	d Method	ls							
Chloride	ND	1.00	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA M	Aethod 80	15M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	190	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	37.4	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		97.1 %	70-1.	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		93.8 %	70-1.	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	228	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	SP-20 021-20 (Soi	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin H	Invironmer	ıtal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Toluene 0	0.00334	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Ethylbenzene 0	0.00420	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (p/m)	0.0428	0.00200	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Xylene (0)	0.0692	0.00100	mg/kg dry	1	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		114 %	80-1	20	P1C2610	03/26/21	03/28/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Meth	ods							
Chloride	4.51	1.00	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	57.1	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	767	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	124	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		102 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		95.2 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	948	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	SP-21 021-21 (Soi	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Invironme	ıtal Lab, I	<b>P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene 0	.00200	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene 0	.00190	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m) 0	.00227	0.00200	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (0)	0.0296	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		107 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Metho	ods							
Chloride	5.42	1.00	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	48.0	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	1020	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	176	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		97.7 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		102 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1240	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	63-2213
		1C22	SP-22 021-22 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin F	Invironmer	ital Lab, I	<b>P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene	0.00281	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene	0.00333	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m)	0.0385	0.00200	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (0)	0.0699	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.4 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Meth	ods							
Chloride	8.84	1.00	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	97.4	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	1660	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	277	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		101 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		108 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	2040	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	SP-23 021-23 (Soi	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmer	ntal Lab, I	<b>P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene 0.	.00267	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene 0.	.00205	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m) 0.	.00492	0.00200	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (o)	0.0536	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.6 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Metho	ds							
Chloride	3.52	1.00	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	39.1	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	703	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	114	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		95.9 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		90.1 %	70-1	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	856	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	SP-24 021-24 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin F	Invironmen	ital Lab, l	<b>P.</b>				
BTEX by 8021B									
Benzene 0.	.00195	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene	0.0122	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene 0.	.00324	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m)	0.0254	0.00200	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (o)	0.164	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-1.	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.9 %	80-1.	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Method	ls							
Chloride	387	1.00	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 80	015M							
C6-C12	147	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	2110	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	357	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		101 %	70-1.	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		78.1 %	70-1.	30	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	2610	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			ire			Fax: (432) 56	53-2213
		1C22	SP-25 021-25 (Soi	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin F	Environmen	tal Lab, l	L. <b>P.</b>				
BTEX by 8021B									
Benzene	0.00228	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene	0.0152	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene	0.00334	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m)	0.0222	0.00200	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (0)	0.164	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-12	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.1 %	80-12	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Meth	ods							
Chloride	172	1.00	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method	8015M							
C6-C12	79.8	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	737	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	116	25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		97.5 %	70-13	80	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		76.4 %	70-13	80	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	932	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn							3-2213
		I-1 @ 12'' 021-26 (Soil	)					
Analyte Re	Reporting esult Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permian Basin H	Environmen	tal Lab, l	L <b>.P.</b>				
BTEX by 8021B								
Benzene	ND 0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene 0.00	<b>171</b> 0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene	ND 0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m)	ND 0.00200	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (o) 0.00	<b>383</b> 0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	110 %	80-12	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102 %	80-12	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Standard	Methods							
Chloride	<b>189</b> 1.00	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND 0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Me	thod 8015M							
C6-C12	ND 25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C12-C28	<b>619</b> 25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
>C28-C35	<b>6.2</b> 25.0	mg/kg dry	1	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane	89.0 %	70-13	0	P1C2409	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl	80.5 %	70-13	0	P1C2409	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	716 25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	
E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project Nu	oject: Crazy nber: 13636 ager: Tim M		ire			Fax: (432) 56	53-2213
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		3H-2 @ 2' 2021-27 (So	il)					
Analyte	Reporting Result Limi	-	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permian Basin	Environme	ntal Lab, 1	L <b>.P.</b>				
BTEX by 8021B								
Benzene	ND 0.0010	) mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene 0.0	0.00100	) mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene 0.	.0244 0.00100	) mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m) 0.0	0.00200	) mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (o) 0.	.0376 0.0010	) mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	98.4 %	6 80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	112 %	6 80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Standar	d Methods							
Chloride	125 1.00	) mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND 0.	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA N	lethod 8015M							
C6-C12	<b>68.5</b> 25.0	) mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C12-C28	1980 25.0	) mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C28-C35	<b>305</b> 25.0	) mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane	96.9 %	6 70-1	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl	114 %	6 70-1	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	<b>2350</b> 25.0	) mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
			H-3 @ 4' 021-28 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmer	ital Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ds							
Chloride	701	1.02	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.5	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C12-C28	49.2	25.5	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		94.2 %	70-1	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		101 %	70-1	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	49.2	25.5	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Numl Project Mana			re			Fax: (432) 56	53-2213
			H-4 @ 4' 021-29 (Soi	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin E	Invironme	ntal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene 0	.00318	0.00101	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene 0	.00184	0.00101	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (o) 0	.00272	0.00101	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Meth	ods							
Chloride	14.9	1.01	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method	8015M							
C6-C12	ND	25.3	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C12-C28	73.9	25.3	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		94.3 %	70-1	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		89.3 %	70-1	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	73.9	25.3	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
			H-5 @ 4' 021-30 (Soi	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmen	ital Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene 0.	00150	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (o) 0.	00312	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1.	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-1.	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Metho	ods							
Chloride	13.7	1.00	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA N	Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C12-C28	120	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		91.2 %	70-1.	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		77.6%	70-1.	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	120	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana		Fax: (432) 56	3-2213				
			H-6 @ 3' 021-31 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmen	tal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene	0.00948	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene	0.00669	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m)	0.00214	0.00200	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (0)	0.0116	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-1.	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-1.	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ds							
Chloride	28.2	1.00	mg/kg dry	1	P1C2904	03/29/21	03/29/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C12-C28	163	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		94.4 %	70-1.	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		85.6 %	70-1.	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	163	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Numl Project Manag			re			Fax: (432) 56	53-2213
			H-7 @ 3' 021-32 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin E	Invironmen	ital Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene 0	.00472	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene	0.0116	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (0)	0.0157	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Metho	ods							
Chloride	34.0	1.00	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	26.4	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C12-C28	166	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		89.6 %	70-1	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		85.6 %	70-1	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	193	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Numl Project Manaș			re			Fax: (432) 56	53-2213
			H-8 @ 3' 021-33 (Soi	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironme	ıtal Lab, I	L. <b>P.</b>				
BTEX by 8021B									
	.00975	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene	0.0822	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene	0.0512	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m)	0.0192	0.00200	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (0)	0.0423	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		112 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		106 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Metho	ods							
Chloride	2.76	1.00	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	26.8	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C12-C28	192	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C28-C35	25.9	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		97.3 %	70-1	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		81.2 %	70-1	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	245	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
			H-9 @ 4' 021-34 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmen	tal Lab, l	<b>P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene	0.00387	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene	0.00874	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m)	0.00588	0.00200	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (o)	0.00486	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		108 %	80-12	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-12	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ods							
Chloride	4.45	1.00	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C12-C28	243	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C28-C35	36.6	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		93.5 %	70-1.	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		94.4 %	70-1.	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	279	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project Num	ect: Crazy W ber: 13636 ger: Tim Mcl		re			Fax: (432) 56	3-2213
		H-10 @ 4' 2021-35 (Soil	)					
Analyte R	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permian Basin I	Environmen	tal Lab, l	L. <b>P.</b>				
BTEX by 8021B								
*	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene 0.0	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene 0.0	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m) 0.00	0.00200	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (o) 0.0	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	108 %	80-12	0	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	103 %	80-12	0	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Standard	Methods							
Chloride	ND 1.00	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND 0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA M	ethod 8015M							
C6-C12	ND 25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C12-C28	141 25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C28-C35	ND 25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane	91.7 %	70-13	0	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl	66.5 %	70-13	0	P1C2412	03/24/21	03/26/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	<b>141</b> 25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
			H-11 @ 4' 021-36 (Soi	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Invironme	ıtal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
	0.00352	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene	0.0554	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene	0.0997	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m)	0.0756	0.00200	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (o)	0.0990	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.8 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		112 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ods							
Chloride	13.9	1.00	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	41.1	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C12-C28	415	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
>C28-C35	50.5	25.0	mg/kg dry	1	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: 1-Chlorooctane		86.9 %	70-1	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Surrogate: o-Terphenyl		71.6 %	70-1	30	P1C2412	03/24/21	03/26/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	506	25.0	mg/kg dry	1	[CALC]	03/24/21	03/26/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
			H-12 @ 4' 021-37 (Soi	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin H	Environmer	ıtal Lab, I	L <b>.P.</b>				
BTEX by 8021B									
	0.00232	0.00101	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene	0.0304	0.00101	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene	0.0244	0.00101	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m)	0.0141	0.00202	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (0)	0.0282	0.00101	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.0 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Meth	ods							
Chloride	18.9	1.01	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method	8015M							
C6-C12	64.5	25.3	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C12-C28	889	25.3	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C28-C35	133	25.3	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		90.0 %	70-1	30	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		82.2 %	70-1	30	P1C2412	03/24/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1090	25.3	mg/kg dry	1	[CALC]	03/24/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
			I-13 @ 3' 021-38 (Soi	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmer	ıtal Lab, l	L. <b>P.</b>				
BTEX by 8021B									
Benzene 0	.00137	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene	0.0204	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene 0	.00390	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (0)	0.0541	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.8 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Metho	ds							
Chloride	57.1	1.00	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C12-C28	349	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C28-C35	48.4	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		94.2 %	70-1	30	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		83.0 %	70-1	30	P1C2412	03/24/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	397	25.0	mg/kg dry	1	[CALC]	03/24/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		ject Num	ect: Crazy W ber: 13636 ger: Tim Mc		re			Fax: (432) 56	3-2213
			H-14 @ 2' 021-39 (Soi	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permian	Basin F	Invironmen	tal Lab, I	<b>P.</b>				
BTEX by 8021B									
Benzene	).0107	0.00102	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene	).0300	0.00102	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene 0.	00749	0.00102	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m) 0.	00733	0.00204	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (o)	).0199	0.00102	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-12	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-12	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Methods								
Chloride	39.8	1.02	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8015M	1							
C6-C12	56.2	25.5	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C12-C28	700	25.5	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C28-C35	94.9	25.5	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		94.6 %	70-13	80	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		96.8 %	70-13	80	P1C2412	03/24/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	851	25.5	mg/kg dry	1	[CALC]	03/24/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Manaj			re			Fax: (432) 56	53-2213
			H-15 @ 4' 021-40 (So	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin F	Environmei	ntal Lab, l	L. <b>P.</b>				
BTEX by 8021B									
Benzene	0.00449	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Toluene	0.0457	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Ethylbenzene	0.0815	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (p/m)	0.0868	0.00200	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Xylene (0)	0.0469	0.00100	mg/kg dry	1	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		113 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		89.1 %	80-1	20	P1C2611	03/26/21	03/29/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Meth	ods							
Chloride	130	1.00	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C12-C28	446	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C28-C35	62.3	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		90.6 %	70-1	30	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		74.5 %	70-1	30	P1C2412	03/24/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	508	25.0	mg/kg dry	1	[CALC]	03/24/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
			Stockpile 1 021-41 (Soi						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Environmer	ntal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	0.00218	0.00100	mg/kg dry	1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Toluene	0.736	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Ethylbenzene	1.32	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (p/m)	1.56	0.0400	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (0)	0.635	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		87.4 %	80-1	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		98.2 %	80-1	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ods							
Chloride	9.68	1.00	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	A Method 8	8015M							
C6-C12	47.1	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C12-C28	237	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C28-C35	32.8	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		91.8 %	70-1	30	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		56.7 %	70-1	30	P1C2412	03/24/21	03/27/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	317	25.0	mg/kg dry	1	[CALC]	03/24/21	03/27/21	calc	

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn						Fax: (432) 56	3-2213	
			Stockpile 2 021-42 (Soi						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin E	Cnvironmer	ntal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	0.00420	0.00100	mg/kg dry	1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Toluene	1.29	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Ethylbenzene	1.67	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (p/m)	1.75	0.0400	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (o)	0.660	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		90.1 %	80-1	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.2 %	80-1	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ods							
Chloride	8.06	1.00	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	34.0	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C12-C28	191	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C28-C35	26.6	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		89.9 %	70-1	30	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		60.9 %	70-1	30	P1C2412	03/24/21	03/27/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	252	25.0	mg/kg dry	1	[CALC]	03/24/21	03/27/21	calc	

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
			Stockpile 3 021-43 (Soi						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmer	ital Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	0.00348	0.00100	mg/kg dry	1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Toluene	0.202	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Ethylbenzene	0.327	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (p/m)	0.525	0.0400	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (0)	0.145	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		91.5 %	80-1	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		99.9 %	80-1	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
General Chemistry Parameters by EPA / Stan	dard Metho	ods							
Chloride	16.2	1.00	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EP	A Method 8	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C12-C28	125	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		88.5 %	70-1	30	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		54.4 %	70-1	30	P1C2412	03/24/21	03/27/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	125	25.0	mg/kg dry	1	[CALC]	03/24/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	]	Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
			Stockpile 4 021-44 (Soi						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin F	Invironmer	ntal Lab, I	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Toluene	1.47	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Ethylbenzene	0.537	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (p/m)	0.636	0.0400	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (o)	0.156	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		93.8 %	80-1	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		100 %	80-1	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
General Chemistry Parameters by EPA / Standard	d Method	s							
Chloride	24.4	1.00	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA M	1ethod 80	15M							
C6-C12	27.4	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C12-C28	209	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C28-C35	27.6	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		87.5 %	70-1	30	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		57.5 %	70-1	30	P1C2412	03/24/21	03/27/21	TPH 8015M	S-G
Total Petroleum Hydrocarbon C6-C35	264	25.0	mg/kg dry	1	[CALC]	03/24/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn						Fax: (432) 56	53-2213	
			Stockpile 5 021-45 (Soi						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Environmer	ital Lab, I	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Toluene	0.171	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Ethylbenzene	0.889	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (p/m)	1.44	0.0400	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (0)	0.661	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		107 %	80-1	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-1	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ods							
Chloride	1.18	1.00	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	127	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C12-C28	1240	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C28-C35	161	25.0	mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		96.9 %	70-1	30	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		85.7 %	70-1	30	P1C2412	03/24/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1520	25.0	mg/kg dry	1	[CALC]	03/24/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project N	Project: Crazy umber: 13636 unager: Tim M	6	are			Fax: (432) 50	63-2213
		V Stockpile 22021-46 (S						
Analyte	Reporti Result Lir	0	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permian Basi	n Environm	ental Lab,	L.P.				
BTEX by 8021B								
Benzene	ND 0.001	)0 mg/kg dry	1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Toluene	0.706 0.02	00 mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Ethylbenzene	<b>1.80</b> 0.02	00 mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (p/m)	<b>2.02</b> 0.04	00 mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (0)	<b>1.01</b> 0.02	00 mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	103	% 80	-120	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	102	% 80	-120	P1C2614	03/26/21	04/03/21	EPA 8021B	
General Chemistry Parameters by EPA / Standar	d Methods							
Chloride	<b>1.28</b> 1.	)0 mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND (	.1 %	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA N	lethod 8015M							
C6-C12		.0 mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C12-C28	896 25	.0 mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
>C28-C35	130 25	.0 mg/kg dry	1	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane	97.6	% 70	-130	P1C2412	03/24/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl	84.8	% 70	-130	P1C2412	03/24/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1150 25	.0 mg/kg dry	1	[CALC]	03/24/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
			Stockpile 7 021-47 (Soi						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironme	ıtal Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Toluene	0.0635	0.00100	mg/kg dry	1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Ethylbenzene	0.106	0.00100	mg/kg dry	1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Xylene (p/m)	0.118	0.00200	mg/kg dry	1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Xylene (o)	0.0682	0.00100	mg/kg dry	1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-1	20	P1C2614	03/26/21	03/31/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		79.6 %	80-1	20	P1C2614	03/26/21	03/31/21	EPA 8021B	S-GC
General Chemistry Parameters by EPA / Standa	rd Metho	ods							
Chloride	8.49	1.00	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA N	Method 8	8015M							
C6-C12	59.4	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	608	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	89.2	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		77.7 %	70-1	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		68.5 %	70-1	30	P1C2506	03/25/21	03/27/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	757	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			ıre			Fax: (432) 50	53-2213
			Stockpile 021-48 (So						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin H	Environme	ntal Lab, 1	L. <b>P.</b>				
BTEX by 8021B									
Benzene	0.00163	0.00100	mg/kg dry	1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Toluene	0.880	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Ethylbenzene	2.11	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (p/m)	2.37	0.0400	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (0)	1.34	0.0200	mg/kg dry	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		85.1 %	80-1	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-1	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Meth	ods							
Chloride	88.3	1.00	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	A Method	8015M							
C6-C12	261	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	2150	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	300	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		102 %	70-1	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		102 %	70-1	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	2720	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project N	umber:	Crazy Wolf 1H 13636 Fim McMinn	Flare			Fax: (432) 56	53-2213
		ast Stoc C22021-4						
Analyte	Report Result Li	-	nits Dilutio	on Batch	Prepared	Analyzed	Method	Notes
	Permian Bas	in Envir	onmental La	b, L.P.				
BTEX by 8021B								
Benzene 0	.0398 0.001	00 mg/k	g dry 1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Toluene	2.32 0.02	200 mg/k	g dry 20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Ethylbenzene	1.36 0.02	200 mg/k	g dry 20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (p/m)	1.34 0.04	00 mg/k	g dry 20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (0)	0.343 0.02	200 mg/k	g dry 20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	103	%	80-120	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	99.1	%	80-120	P1C2614	03/26/21	04/03/21	EPA 8021B	
General Chemistry Parameters by EPA / Standar	d Methods							
Chloride	<b>142</b> 1	.00 mg/k	g dry 1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	6 1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA M	lethod 8015M							
C6-C12	<b>34.7</b> 2	5.0 mg/k	g dry 1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	<b>1270</b> 2	5.0 mg/k	g dry 1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	180 2	5.0 mg/k	g dry 1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane	78.3	%	70-130	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl	51.9	%	70-130	P1C2506	03/25/21	03/27/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	<b>1480</b> 2	5.0 mg/k	ng dry 1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
			Stockpile 021-50 (Soi						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin F	Invironme	ntal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Toluene	0.0746	0.00101	mg/kg dry	1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Ethylbenzene	0.170	0.00101	mg/kg dry	1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Xylene (p/m)	0.149	0.00202	mg/kg dry	1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Xylene (o)	).0998	0.00101	mg/kg dry	1	P1C2614	03/26/21	03/31/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		70.0 %	80-1	20	P1C2614	03/26/21	03/31/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		116 %	80-1	20	P1C2614	03/26/21	03/31/21	EPA 8021B	
General Chemistry Parameters by EPA / Standar	rd Meth	ods							
Chloride	131	1.01	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA N	Method 8	8015M							
C6-C12	225	25.3	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	2710	25.3	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	392	25.3	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		109 %	70-1	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		125 %	70-1	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	3330	25.3	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
			NSW-1 021-51 (Soi	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmer	ntal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Toluene 0.	.00565	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene 0.	.00450	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m) 0.	.00707	0.00200	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Xylene (o) 0.	.00335	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-1	20	P1C2614	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.5 %	80-1	20	P1C2614	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Metho	ds							
Chloride	439	1.00	mg/kg dry	1	P1C2905	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	158	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	40.4	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		78.6 %	70-1	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		59.1 %	70-1	30	P1C2506	03/25/21	03/27/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	198	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
			NSW-2 021-52 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin H	Environmen	ital Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	0.00302	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Toluene	0.0543	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.0619	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.0702	0.00200	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	0.0387	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.4 %	80-1.	20	P1C2614	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		112 %	80-1.	20	P1C2614	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ods							
Chloride	2.81	1.00	mg/kg dry	1	P1C2903	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	A Method 8	8015M							
C6-C12	27.2	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	325	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	45.7	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		80.9 %	70-1.	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		64.8 %	70-1.	30	P1C2506	03/25/21	03/27/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	398	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Numl Project Manaş			re			Fax: (432) 56	3-2213
			NSW-3 021-53 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin E	Invironmen	tal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-12	20	P1C2614	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		112 %	80-12	20	P1C2614	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ods							
Chloride	69.3	1.03	mg/kg dry	1	P1C2903	03/29/21	03/30/21	EPA 300.0	
% Moisture	3.0	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	A Method 8	8015M							
C6-C12	ND	25.8	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		83.9 %	70-13	0	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		87.7 %	70-13	0	P1C2506	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Numl Project Manaș			re			Fax: (432) 56	3-2213
			NSW-4 021-54 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin E	nvironmer	ital Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Toluene	0.0119	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.00981	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.0112	0.00200	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	0.00501	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		112 %	80-1	20	P1C2614	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-1	20	P1C2614	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ods							
Chloride	11.7	1.00	mg/kg dry	1	P1C2903	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	A Method 8	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	47.4	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		86.6 %	70-1	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		82.8 %	70-1	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	47.4	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana;			re			Fax: (432) 56	53-2213
			NSW-5 021-55 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmen	tal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Toluene	0.00565	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.00606	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.00715	0.00200	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	0.00572	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		106 %	80-12	20	P1C2614	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-12	20	P1C2614	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ods							
Chloride	68.5	1.00	mg/kg dry	1	P1C2903	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	35.3	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	738	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	95.0	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		97.4 %	70-1.	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		91.4 %	70-1.	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	868	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Numl Project Manag			re			Fax: (432) 56	3-2213
			NSW-6 021-56 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin E	Invironmer	ital Lab, I	L.P.				
BTEX by 8021B									
Benzene	0.00236	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/03/21	EPA 8021B	
Toluene	0.00106	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/03/21	EPA 8021B	
Ethylbenzene	0.00435	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (p/m)	0.0105	0.00200	mg/kg dry	1	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.9 %	80-1	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		102 %	80-1	20	P1C2614	03/26/21	04/03/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ods							
Chloride	23.6	1.00	mg/kg dry	1	P1C2903	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	52.8	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		85.8 %	70-1	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		72.5 %	70-1	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	52.8	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
			ESW-1 021-57 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmer	ital Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	0.00178	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Toluene	0.0137	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.0141	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.0220	0.00200	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	0.0105	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-1	20	P1C2614	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		94.8 %	80-1	20	P1C2614	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	dard Metho	ods							
Chloride	350	1.00	mg/kg dry	1	P1C2903	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EP.	A Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	495	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	77.0	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		91.1 %	70-1	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		81.3 %	70-1	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	572	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project N	Project: Cr Number: 13 Ianager: Tii		lare			Fax: (432) 56	53-2213
	1	ESW-2 C22021-58						
Analyte	Repor Result L	ting imit Unit	s Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permian Bas	in Enviror	imental Lab	, L.P.				
BTEX by 8021B								
Benzene 0	.00118 0.00	00 mg/kg	dry 1	P1C2614	03/26/21	04/03/21	EPA 8021B	
Toluene 0	.00596 0.00	100 mg/kg	dry 1	P1C2614	03/26/21	04/03/21	EPA 8021B	
Ethylbenzene 0	<b>.00210</b> 0.00	100 mg/kg	dry 1	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (p/m) 0	.00441 0.002	200 mg/kg	dry 1	P1C2614	03/26/21	04/03/21	EPA 8021B	
Xylene (o) 0	.00312 0.00	100 mg/kg	dry 1	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	97	1%	80-120	P1C2614	03/26/21	04/03/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	10.	8 %	80-120	P1C2614	03/26/21	04/03/21	EPA 8021B	
<u>General Chemistry Parameters by EPA / Standa</u>	rd Methods							
Chloride	<b>60.5</b> 1	.00 mg/kg	dry 1	P1C2903	03/29/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1 %	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8015M							
C6-C12	ND 2	5.0 mg/kg	dry 1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	104 2	5.0 mg/kg	dry 1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND 2	5.0 mg/kg	dry 1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane	96.:	5 %	70-130	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl	97	%	70-130	P1C2506	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	104 2	5.0 mg/kg	dry 1	[CALC]	03/25/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Project Num	ect: Crazy W ber: 13636 ger: Tim Mcl		re			Fax: (432) 56	3-2213
			ESW-3 021-59 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environment	tal Lab, I	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		111 %	80-12	0	P1C2614	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		112 %	80-12	0	P1C2614	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stan	ndard Metho	ds							
Chloride	81.1	1.01	mg/kg dry	1	P1C2903	03/29/21	03/30/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EF	PA Method 8	015M							
C6-C12	ND	25.3	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		72.5 %	70-13	0	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		76.6 %	70-13	0	P1C2506	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
			ESW-4 021-60 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmen	tal Lab, 1	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Toluene	0.00451	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.00525	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.00690	0.00200	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	0.00284	0.00100	mg/kg dry	1	P1C2614	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-12	0	P1C2614	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-12	0	P1C2614	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Star	ndard Metho	ods							
Chloride	11.2	1.00	mg/kg dry	1	P1C3002	03/30/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by E	PA Method 8	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		87.0 %	70-13	0	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		73.2 %	70-13	0	P1C2506	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Project Num	ect: Crazy We ber: 13636 ger: Tim McM		re			Fax: (432) 56	53-2213
			ESW-5 021-61 (Soil)	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environment	al Lab, l	L.P.				
BTEX by 8021B									
Benzene	0.00118	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	0.0122	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.0135	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.0221	0.00202	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	0.0178	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.7 %	80-12	0	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		114 %	80-12	0	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	dard Metho	ods							
Chloride	12.0	1.01	mg/kg dry	1	P1C3002	03/30/21	03/30/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	A Method 8	015M							
C6-C12	159	25.3	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	2540	25.3	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	446	25.3	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		110 %	70-13	0	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		101 %	70-13	0	P1C2506	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	3150	25.3	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
			ESW-6 021-62 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmen	ital Lab, I	L <b>.P.</b>				
BTEX by 8021B									
Benzene	0.00174	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	0.00760	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.00850	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.00835	0.00200	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (0)	0.0129	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.7 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ds							
Chloride	21.7	1.00	mg/kg dry	1	P1C3002	03/30/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	38.0	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		90.9 %	70-1.	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		90.2 %	70-1.	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	38.0	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	
E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
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			ESW-7 021-63 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Invironmen	tal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	0.00563	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.00608	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.00777	0.00200	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	0.00284	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-12	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		113 %	80-12	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ods							
Chloride	3.31	1.00	mg/kg dry	1	P1C3002	03/30/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	A Method 8	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		89.9 %	70-13	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		73.6%	70-13	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
			ESW-8 021-64 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Invironmen	ital Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	0.00516	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.00658	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.00612	0.00200	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (0)	0.00632	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-1	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ds							
Chloride	7.25	1.00	mg/kg dry	1	P1C3002	03/30/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	171	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	33.0	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		92.7 %	70-1	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		93.8 %	70-1	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	204	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
			ESW-9 021-65 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perr	nian Basin F	Environmen	ital Lab, l	<b>P.</b>				
BTEX by 8021B									
Benzene 0	.00841	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	0.0367	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.0231	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.0214	0.00200	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (o) 0	.00847	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		106 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
<u>General Chemistry Parameters by EPA / Standa</u>	rd Methoo	ls							
Chloride	5.32	1.00	mg/kg dry	1	P1C3002	03/30/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 80	)15M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	50.1	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		92.6 %	70-1.	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		75.4 %	70-1.	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	50.1	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
			CSW-10 021-66 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin F	nvironmen	tal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	0.00191	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.00465	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.00658	0.00200	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	0.00393	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-12	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		97.4 %	80-12	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Meth	ods							
Chloride	48.7	1.00	mg/kg dry	1	P1C3002	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		91.8 %	70-13	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		93.2 %	70-13	30	P1C2506	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
			ESW-11 021-67 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	·mian Basin F	Invironmen	tal Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	0.00310	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.00887	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.0122	0.00202	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	0.00533	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ods							
Chloride	ND	1.01	mg/kg dry	1	P1C3002	03/30/21	03/31/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	ND	25.3	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	85.0	25.3	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		84.4 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		83.2 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	85.0	25.3	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
			ESW-12 021-68 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmen	ital Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	0.00144	0.00102	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	0.109	0.00102	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.175	0.00102	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.147	0.00204	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (0)	0.115	0.00102	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		116 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		81.4 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ods							
Chloride	28.0	1.02	mg/kg dry	1	P1C3002	03/30/21	03/31/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	145	25.5	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	1630	25.5	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	191	25.5	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		98.5 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		92.2 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1960	25.5	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
			SSW-1 021-69 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmen	tal Lab, l	<b>P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	0.00201	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.00420	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.00299	0.00200	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	0.00522	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		112 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ds							
Chloride	146	1.00	mg/kg dry	1	P1C3002	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	247	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	35.2	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		91.1 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		93.4 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	282	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn								3-2213
			SSW-2 021-70 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmen	ital Lab, l	L. <b>P.</b>				
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		115 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		112 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ds							
Chloride	289	1.01	mg/kg dry	1	P1C3002	03/30/21	03/31/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.3	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		95.6 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		101 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	re			Fax: (432) 50	63-2213				
		1C22	NP-7 022-01 (Soi	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmer	ntal Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	0.00125	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.00114	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	0.00734	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-1	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ds							
Chloride	5.47	1.00	mg/kg dry	1	P1C3002	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	41.4	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	1650	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	235	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		96.1 %	70-1	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		96.5 %	70-1	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1930	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	NP-8 022-02 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmer	ital Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene 0	0.00322	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene 0	0.00643	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m) 0	0.00904	0.00202	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	0.0247	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-1	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Metho	ds							
Chloride	7.59	1.01	mg/kg dry	1	P1C3002	03/30/21	03/31/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	79.2	25.3	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	2430	25.3	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	312	25.3	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		103 %	70-1	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		101 %	70-1	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	2820	25.3	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn							53-2213
		1022	NP-9 022-03 (Soi	3 <b>1</b> )					
		1022	022-03 (30)	u)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmer	ital Lab, I	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	0.00305	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.00434	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.00735	0.00200	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	0.0382	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-1	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		107 %	80-1	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ds							
Chloride	4.94	1.00	mg/kg dry	1	P1C3002	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2306	03/23/21	03/23/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	40.8	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	1600	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	220	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		82.8 %	70-1	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		80.2 %	70-1	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1860	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 50	63-2213
		1C22	EP-1 022-04 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmen	tal Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	0.00233	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.0207	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.107	0.00200	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (0)	0.0872	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		87.9 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ods							
Chloride	14.9	1.00	mg/kg dry	1	P1C3002	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	112	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	1480	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	181	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		107 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		101 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	1780	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			ire			Fax: (432) 56	3-2213
		1C22	PS-1 022-05 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Environmen	tal Lab, l	L. <b>P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		112 %	80-12	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-12	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Standar	rd Metho	ods							
Chloride	ND	1.00	mg/kg dry	1	P1C3002	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA N	Method 8	3015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		96.7 %	70-13	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		103 %	70-13	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	PS2 022-06 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmen	tal Lab, I	L.P.				
BTEX by 8021B									
Benzene	ND	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	ND	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	ND	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	ND	0.00202	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	ND	0.00101	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.8 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ds							
Chloride	ND	1.01	mg/kg dry	1	P1C3002	03/30/21	03/31/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.3	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	43.6	25.3	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		99.7 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	43.6	25.3	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	e. [1] Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn								53-2213
		1C22	PS-3 022-07 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmen	al Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		94.1 %	80-12	0	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		106 %	80-12	0	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stan	dard Metho	ods							
Chloride	ND	1.00	mg/kg dry	1	P1C3002	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EP	A Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		100 %	70-13	0	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-13	0	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	1] Project: Crazy Wolf 1H Flare   Project Number: 13636   Project Manager: Tim McMinn								53-2213
		1C22	PS-4 022-08 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmen	tal Lab, I	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.00240	0.00200	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (0)	0.00223	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stan	dard Metho	ds							
Chloride	ND	1.00	mg/kg dry	1	P1C3002	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EP.	A Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	86.4	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		101 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		104 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	86.4	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	PS-5 022-09 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmen	ital Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	0.00118	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.00136	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.00684	0.00200	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (0)	0.00548	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		96.6 %	80-1.	20	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ods							
Chloride	ND	1.00	mg/kg dry	1	P1C3002	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	68.6	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		99.9 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		99.7 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	68.6	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn								53-2213
		1C22	PS-6 022-10 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environment	al Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-12	0	P1C2615	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.0 %	80-12	0	P1C2615	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ds							
Chloride	ND	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	A Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		101 %	70-13	0	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		100 %	70-13	0	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	ations, Inc. [1] Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn								53-2213
			WSW-7 022-11 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmen	tal Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Toluene	0.0636	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.155	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.0819	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (0)	0.122	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		104 %	80-12	20	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		90.6 %	80-12	20	P1C2616	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ds							
Chloride	3.34	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	220	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	25.4	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		103 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		83.7 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	245	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
			WSW-8 022-12 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmen	tal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	0.00291	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Toluene	0.0799	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.0791	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.0415	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (0)	0.0562	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		103 %	80-12	20	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		95.0 %	80-12	20	P1C2616	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ods							
Chloride	ND	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	351	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	40.1	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		95.8 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		64.4 %	70-1.	30	P1C2507	03/25/21	03/27/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	391	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn							53-2213
			WSW-9 022-13 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin H	Environmen	tal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	0.00558	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Toluene	0.158	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.145	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.201	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (0)	0.152	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-12	0	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		81.3 %	80-12	0	P1C2616	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	dard Metho	ods							
Chloride	88.4	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	A Method 8	8015M							
C6-C12	134	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	551	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	63.5	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-13	0	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		94.4 %	70-13	0	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	748	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
			VSW-10 022-14 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmen	tal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Toluene	0.0169	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.0569	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.0582	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (0)	0.0365	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-12	0	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		90.2 %	80-12	0	P1C2616	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ods							
Chloride	40.4	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	31.2	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	105	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		99.0 %	70-13	0	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		93.1 %	70-13	0	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	136	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Crazy Wolf 1H Flare   Project Number: 13636   Project Manager: Tim McMinn								3-2213
		1C22	NP-1 022-15 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Cnvironment	al Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		87.5 %	80-12	0	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-12	0	P1C2616	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stan	dard Metho	ds							
Chloride	ND	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EP.	A Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		97.6 %	70-13	0	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		101 %	70-13	0	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Project Num	ect: Crazy W ber: 13636 ger: Tim McM		re			Fax: (432) 56	53-2213
		1C22	NP-2 022-16 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Environment	al Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-12	0	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-12	0	P1C2616	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ods							
Chloride	ND	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		95.0 %	70-13	0	P1C2507	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		96.5 %	70-13	0	P1C2507	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn								3-2213
		1C22	NP-3 022-17 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	mian Basin H	Environmen	tal Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1.	20	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-1.	20	P1C2616	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ds							
Chloride	ND	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	A Method 80	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C12-C28	126	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		90.4 %	70-1.	30	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		89.7 %	70-1.	30	P1C2508	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	126	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	NP-4 022-18 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmen	tal Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Toluene	0.00158	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.00551	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (0)	0.0121	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		104 %	80-12	20	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-12	20	P1C2616	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ods							
Chloride	ND	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	A Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C12-C28	120	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		96.3 %	70-1.	30	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		93.0 %	70-1.	30	P1C2508	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	120	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. 13000 West County Road 100 Odessa TX, 79765	[1]		Fax: (432) 56	53-2213					
		1C22	NP-5 022-19 (Soil)	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environment	al Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-12	0	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-12	0	P1C2616	03/26/21	04/01/21	EPA 8021B	
<b>General Chemistry Parameters by EPA / S</b>	tandard Metho	ds							
Chloride	ND	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by	EPA Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		98.1 %	70-13	0	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		105 %	70-13	0	P1C2508	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn							Fax: (432) 56	3-2213
		1C22	NP-6 022-20 (Soi	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmer	ıtal Lab, I	<b>P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (0)	0.00504	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-1	20	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-1	20	P1C2616	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stan	dard Metho	ds							
Chloride	ND	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EF	A Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C12-C28	186	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		97.8 %	70-1	30	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		91.4 %	70-1	30	P1C2508	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	186	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Manaj			re			Fax: (432) 56	53-2213
			SSW-3 022-21 (Soi	il)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin F	Invironmer	ntal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-1	20	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-1	20	P1C2616	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Meth	ods							
Chloride	18.6	1.02	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	2.0	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	ND	25.5	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		98.9 %	70-1	30	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		106 %	70-1	30	P1C2508	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	1] Project: Crazy Wolf 1H Flare   Project Number: 13636   Project Manager: Tim McMinn								3-2213
			SSW-4 022-22 (Soil)						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environment	al Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-120	)	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		108 %	80-120	)	P1C2616	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ds							
Chloride	3.59	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		102 %	70-130	)	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		108 %	70-130	)	P1C2508	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn						Fax: (432) 56	53-2213	
			SSW-5 022-23 (Soi	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmer	ital Lab, I	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Toluene	0.00309	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Ethylbenzene	0.00437	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (p/m)	0.00526	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Xylene (0)	0.00288	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		106 %	80-1	20	P1C2616	03/26/21	04/01/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-1	20	P1C2616	03/26/21	04/01/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ds							
Chloride	10.4	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EP.	A Method 8	015M							
C6-C12	40.0	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C12-C28	619	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C28-C35	81.2	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		101 %	70-1	30	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		97.5 %	70-1	30	P1C2508	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	740	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Fax: (432) 56	3-2213						
			SSW-6 022-24 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	mian Basin F	Invironmen	tal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		112 %	80-12	20	P1C2616	03/26/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-12	20	P1C2616	03/26/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ds							
Chloride	170	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	A Method 8(	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C12-C28	530	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C28-C35	76.2	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		100 %	70-13	30	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		107 %	70-13	80	P1C2508	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	606	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	ions, Inc. [1] Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn								
			WSW-1 022-25 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmen	tal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Toluene	0.00156	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Xylene (0)	0.00649	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		110 %	80-12	20	P1C2616	03/26/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-12	20	P1C2616	03/26/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ds							
Chloride	329	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	A Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C12-C28	587	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C28-C35	68.2	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		103 %	70-13	30	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		95.6 %	70-13	30	P1C2508	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	655	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			ire			Fax: (432) 56	53-2213
			WSW-2 022-26 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Environmen	tal Lab, 1	L. <b>P.</b>				
BTEX by 8021B									
Benzene	0.00176	0.00101	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Toluene	0.0117	0.00101	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Ethylbenzene	0.00561	0.00101	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Xylene (p/m)	0.0127	0.00202	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Xylene (o)	0.00535	0.00101	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-12	20	P1C2616	03/26/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		106 %	80-12	20	P1C2616	03/26/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ods							
Chloride	2.62	1.01	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	1.0	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	ND	25.3	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		97.0 %	70-13	80	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		83.6 %	70-13	80	P1C2508	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1 13000 West County Road 100 Odessa TX, 79765	1]	Proj Project Num Project Mana			ire			Fax: (432) 56	53-2213
			WSW-3 022-27 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmen	tal Lab, I	L. <b>P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Toluene	0.00317	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Ethylbenzene	0.00466	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Xylene (p/m)	0.00664	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Xylene (o)	0.00522	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-12	0	P1C2616	03/26/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-12	0	P1C2616	03/26/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / St	andard Metho	ods							
Chloride	6.98	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by	EPA Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: 1-Chlorooctane		91.6 %	70-13	0	P1C2508	03/25/21	03/27/21	TPH 8015M	
Surrogate: o-Terphenyl		91.6%	70-13	0	P1C2508	03/25/21	03/27/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/27/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	e. [1] Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn								3-2213
			WSW-4 022-28 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmen	ital Lab, l	L.P.				
BTEX by 8021B									
Benzene	0.00124	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Toluene	0.00869	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Ethylbenzene	0.00683	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Xylene (p/m)	0.00597	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Xylene (0)	0.0264	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		98.9 %	80-1.	20	P1C2616	03/26/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1.	20	P1C2616	03/26/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ds							
Chloride	21.0	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	27.3	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
>C12-C28	192	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		89.3 %	70-1.	30	P1C2508	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		66.8 %	70-1.	30	P1C2508	03/25/21	03/28/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	220	25.0	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	
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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
			WSW-5 022-29 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmen	tal Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Toluene	0.0827	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Xylene (p/m)	0.102	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Xylene (0)	0.153	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		84.1 %	80-1.	20	P1C2616	03/26/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		107 %	80-1.	20	P1C2616	03/26/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ds							
Chloride	25.7	1.00	mg/kg dry	1	P1C3003	03/30/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	73.1	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
>C12-C28	352	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
>C28-C35	38.6	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		92.6 %	70-1.	30	P1C2508	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		66.6 %	70-1.	30	P1C2508	03/25/21	03/28/21	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	464	25.0	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn							Fax: (432) 563-2213		
			WSW-6 022-30 (Soi	il)						
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
	Per	mian Basin F	Environmer	ıtal Lab, I	L <b>.P.</b>					
BTEX by 8021B										
Benzene	0.00470	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B		
Toluene	0.0849	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B		
Ethylbenzene	0.0962	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B		
Xylene (p/m)	0.0302	0.00200	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B		
Xylene (0)	0.111	0.00100	mg/kg dry	1	P1C2616	03/26/21	04/02/21	EPA 8021B		
Surrogate: 4-Bromofluorobenzene		89.8 %	80-1	20	P1C2616	03/26/21	04/02/21	EPA 8021B		
Surrogate: 1,4-Difluorobenzene		112 %	80-1	20	P1C2616	03/26/21	04/02/21	EPA 8021B		
General Chemistry Parameters by EPA / Stand	dard Metho	ds								
Chloride	15.9	1.00	mg/kg dry	1	P1C3004	03/30/21	03/30/21	EPA 300.0		
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216		
Total Petroleum Hydrocarbons C6-C35 by EP.	A Method 8	015M								
C6-C12	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M		
>C12-C28	259	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M		
>C28-C35	29.8	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M		
Surrogate: 1-Chlorooctane		75.6 %	70-1	30	P1C2508	03/25/21	03/28/21	TPH 8015M		
Surrogate: o-Terphenyl		55.2 %	70-1	30	P1C2508	03/25/21	03/28/21	TPH 8015M	S-GC	
Total Petroleum Hydrocarbon C6-C35	289	25.0	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc		

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	PS-7 022-31 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmen	tal Lab, I	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Toluene 0	.00136	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Ethylbenzene 0	0.00117	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m) 0	.00297	0.00200	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (o) 0	.00460	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-12	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		109 %	80-12	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Metho	ds							
Chloride	9.95	1.00	mg/kg dry	1	P1C3004	03/30/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
>C12-C28	294	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
>C28-C35	37.9	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		87.3 %	70-13	30	P1C2508	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		84.7 %	70-13	30	P1C2508	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	332	25.0	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn							Fax: (432) 56	53-2213
		1C22	PS-8 022-32 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmen	tal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Toluene	0.00248	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Ethylbenzene	0.00343	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m)	0.0110	0.00200	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (0)	0.0214	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		84.8 %	80-12	0	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-12	0	P1C3107	03/31/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ds							
Chloride	10.6	1.00	mg/kg dry	1	P1C3004	03/30/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	32.8	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
>C12-C28	498	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
>C28-C35	58.9	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		91.3 %	70-13	0	P1C2508	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		95.9 %	70-13	0	P1C2508	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	590	25.0	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn							Fax: (432) 56	53-2213
		1C22	PS-9 022-33 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	nvironmen	ital Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Toluene	0.00302	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Ethylbenzene	0.00533	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m)	0.0218	0.00200	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (o)	0.0457	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		113 %	80-1.	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		84.1 %	80-1.	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ods							
Chloride	10.9	1.00	mg/kg dry	1	P1C3004	03/30/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	34.9	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
>C12-C28	588	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
>C28-C35	68.8	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		94.6 %	70-1.	30	P1C2508	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		93.2 %	70-1.	30	P1C2508	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	692	25.0	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	Project: Crazy Wolf 1H Flare Fax: (43 Project Number: 13636 Project Manager: Tim McMinn							Fax: (432) 56	3-2213
		1022	WP-1 022-34 (Soi	n					
			022-54 (501	ı)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	nian Basin F	Invironmen	tal Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-1.	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-1.	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Stan	dard Metho	ls							
Chloride	7.94	1.00	mg/kg dry	1	P1C3004	03/30/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EP	A Method 8	)15M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
>C12-C28	25.2	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		110 %	70-1.	30	P1C2508	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		111 %	70-1.	30	P1C2508	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	25.2	25.0	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1 13000 West County Road 100 Odessa TX, 79765	]	Proj Project Num Project Mana			ıre			Fax: (432) 56	3-2213
		1C22	WP-2 022-35 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Peri	mian Basin F	Environmen	tal Lab, l	L. <b>P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-12	0	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-12	0	P1C3107	03/31/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Sta	andard Metho	ds							
Chloride	9.03	1.00	mg/kg dry	1	P1C3004	03/30/21	03/30/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by l	EPA Method 8(	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		85.7 %	70-13	0	P1C2508	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		90.2 %	70-13	0	P1C2508	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	WP-3 022-36 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin H	Environmen	tal Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-12	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		113 %	80-12	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
<b>General Chemistry Parameters by EPA / Standa</b>	rd Metho	ods							
Chloride	ND	1.00	mg/kg dry	1	P1C3103	03/31/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2508	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		88.8 %	70-13	0	P1C2508	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		96.1 %	70-13	0	P1C2508	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765	·	ct Num	ect: Crazy Wo ber: 13636 ger: Tim McM		re			Fax: (432) 56	53-2213
		1C22	WP-4 022-37 (Soil)	)					
Analyte	Result	eporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permian l	Basin F	Environment	al Lab, I	<b>P.</b>				
BTEX by 8021B									
Benzene	ND 0	.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Toluene	ND 0	.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Ethylbenzene	ND 0	.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m)	ND 0	.00200	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (o)	ND 0	.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-12	0	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-12	0	P1C3107	03/31/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Standard	l Methods								
Chloride	ND	1.00	mg/kg dry	1	P1C3103	03/31/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA M	ethod 8015M								
C6-C12	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		75.0 %	70-13	0	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		80.5 %	70-13	0	P1C2513	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	

AnalyteResultPermianBETEX by 8021BBenzeneNDTolueneNDEthylbenzeneNDXylene (p/m)ND	1C22	WP-5 022-38 (Soil						
Analyte     Result       Permian       BTEX by 8021B       Benzene       ND       Toluene       ND       Ethylbenzene       ND       Xylene (p/m)       ND       Surrogate: 4-Bromofluorobenzene	Penorting		)					
BTEX by 8021B         Benzene       ND         Toluene       ND         Ethylbenzene       ND         Xylene (p/m)       ND         Xylene (o)       ND         Surrogate: 4-Bromofluorobenzene	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BenzeneNDTolueneNDEthylbenzeneNDXylene (p/m)NDXylene (o)NDSurrogate: 4-Bromofluorobenzene	Basin E	nvironment	tal Lab, I	J.P.				
Toluene     ND     O       Ethylbenzene     ND     O       Xylene (p/m)     ND     O       Xylene (o)     ND     O       Surrogate: 4-Bromofluorobenzene     V								
EthylbenzeneNDOXylene (p/m)NDOXylene (o)NDOSurrogate: 4-BromofluorobenzeneO	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m)     ND       Xylene (o)     ND       Surrogate: 4-Bromofluorobenzene	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (o)     ND       Surrogate: 4-Bromofluorobenzene	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene	0.00200	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene	102 %	80-12	0	P1C3107	03/31/21	04/02/21	EPA 8021B	
	109 %	80-12	0	P1C3107	03/31/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Standard Methods								
Chloride ND	1.00	mg/kg dry	1	P1C3103	03/31/21	03/31/21	EPA 300.0	
% Moisture ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M	[							
C6-C12 ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C12-C28 ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C28-C35 ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane	100 %	70-13	0	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl	105 %	70-13	0	P1C2513	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35 ND	25.0	mg/kg dry	1	[CALC]	03/25/21			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Project Num	ect: Crazy W ber: 13636 ger: Tim McM		re			Fax: (432) 56	3-2213
		1C22	WP-6 022-39 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environment	al Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		100 %	80-12	0	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-12	0	P1C3107	03/31/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Metho	ds							
Chloride	ND	1.00	mg/kg dry	1	P1C3103	03/31/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA N	Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		86.4 %	70-13	0	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		90.5 %	70-13	0	P1C2513	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	WP-7 022-40 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Invironmen	tal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-12	0	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		109 %	80-12	0	P1C3107	03/31/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Star	ndard Metho	ds							
Chloride	ND	1.00	mg/kg dry	1	P1C3103	03/31/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by El	PA Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		95.1 %	70-13	0	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		97.2 %	70-13	0	P1C2513	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		roject Num	ect: Crazy Weber: 13636 ger: Tim McM		re			Fax: (432) 56	53-2213
		1C22	WP-8 022-41 (Soil)	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Permi	an Basin I	Environment	al Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		93.7 %	80-12	0	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-12	0	P1C3107	03/31/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Standard	d Methods								
Chloride	ND	1.00	mg/kg dry	1	P1C3103	03/31/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA M	lethod 8015	M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		101 %	70-13	0	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		107 %	70-13	0	P1C2513	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	WP-9 022-42 (Soil	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	rmian Basin F	Invironmen	tal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		116 %	80-12	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		81.4 %	80-12	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	rd Metho	ods							
Chloride	ND	1.00	mg/kg dry	1	P1C3103	03/31/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	3015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		102 %	70-13	30	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		103 %	70-13	30	P1C2513	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
			WP-10 022-43 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pe	rmian Basin F	Invironmer	ital Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-1	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		114 %	80-1	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ods							
Chloride	1.73	1.00	mg/kg dry	1	P1C3103	03/31/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	8015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C12-C28	41.2	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		74.0 %	70-1	30	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		77.6 %	70-1	30	P1C2513	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	41.2	25.0	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
			WP-11 022-44 (Soil	)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmen	tal Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Toluene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Ethylbenzene	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m)	ND	0.00200	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (o)	ND	0.00100	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		114 %	80-12	0	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		111 %	80-12	0	P1C3107	03/31/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	lard Metho	ods							
Chloride	ND	1.00	mg/kg dry	1	P1C3103	03/31/21	03/31/21	EPA 300.0	
% Moisture	ND	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		78.7 %	70-13	0	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		82.7 %	70-13	0	P1C2513	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	3-2213
		1C22	SP-26 022-45 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmen	ital Lab, l	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		110 %	80-1.	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		102 %	80-1.	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ds							
Chloride	281	1.06	mg/kg dry	1	P1C3103	03/31/21	03/31/21	EPA 300.0	
% Moisture	6.0	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	26.6	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C12-C28	119	26.6	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		91.1 %	70-1.	30	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		96.1 %	70-1.	30	P1C2513	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	119	26.6	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			re			Fax: (432) 56	53-2213
		1C22	SP-27 022-46 (Soi	l)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin F	Environmen	ital Lab, I	L.P.				
BTEX by 8021B									
Benzene	ND	0.00122	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Toluene	ND	0.00122	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Ethylbenzene	0.00270	0.00122	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m)	0.00609	0.00244	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (0)	0.00720	0.00122	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		112 %	80-1.	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		99.9 %	80-1.	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ods							
Chloride	678	1.22	mg/kg dry	1	P1C3103	03/31/21	03/31/21	EPA 300.0	
% Moisture	4.0	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	152	mg/kg dry	5	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C12-C28	2750	152	mg/kg dry	5	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C28-C35	350	152	mg/kg dry	5	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		92.8 %	70-1.	30	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		99.8 %	70-1.	30	P1C2513	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	3100	152	mg/kg dry	5	[CALC]	03/25/21	03/28/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Proj Project Num Project Mana			ire			Fax: (432) 56	53-2213
		1C22	SP-28 022-47 (Soi	I)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin H	Environmen	tal Lab, I	L <b>.P.</b>				
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		101 %	80-1.	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		113 %	80-1.	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Standa	ard Metho	ds							
Chloride	336	1.04	mg/kg dry	1	P1C3103	03/31/21	03/31/21	EPA 300.0	
% Moisture	5.0	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	26.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		95.5 %	70-1.	30	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		101 %	70-1.	30	P1C2513	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	

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E Tech Environmental & Safety Solutions, Inc. [1] 13000 West County Road 100 Odessa TX, 79765		Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn							53-2213
			SP-29 022-48 (Soi	1)					
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Per	mian Basin E	Invironmen	ıtal Lab, l	L.P.				
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		103 %	80-1	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		111 %	80-1	20	P1C3107	03/31/21	04/02/21	EPA 8021B	
General Chemistry Parameters by EPA / Stand	ard Metho	ds							
Chloride	62.6	1.05	mg/kg dry	1	P1C3103	03/31/21	03/31/21	EPA 300.0	
% Moisture	7.0	0.1	%	1	P1C2404	03/24/21	03/24/21	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA	Method 8	015M							
C6-C12	ND	26.3	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C12-C28	330	26.3	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
>C28-C35	60.2	26.3	mg/kg dry	1	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: 1-Chlorooctane		97.5 %	70-1	30	P1C2513	03/25/21	03/28/21	TPH 8015M	
Surrogate: o-Terphenyl		103 %	70-1	30	P1C2513	03/25/21	03/28/21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	390	26.3	mg/kg dry	1	[CALC]	03/25/21	03/28/21	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

Permian Basin Environmental Lab, L.P.

		D		Cu ilua	C		0/DEC		DDD	
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C2610 - *** DEFAULT PREP ***										
Blank (P1C2610-BLK1)				Prepared: 0	03/26/21 An	alyzed: 03	/28/21			
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.6	80-120			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			
LCS (P1C2610-BS1)				Prepared: 0	03/26/21 An	alyzed: 03	/28/21			
Benzene	0.0929	0.00100	mg/kg wet	0.100		92.9	70-130			
Toluene	0.0917	0.00100	"	0.100		91.7	70-130			
Ethylbenzene	0.0810	0.00100	"	0.100		81.0	70-130			
Xylene (p/m)	0.162	0.00200	"	0.200		81.0	70-130			
Xylene (o)	0.0865	0.00100	"	0.100		86.5	70-130			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
LCS Dup (P1C2610-BSD1)				Prepared: 0	03/26/21 An	alyzed: 03	/28/21			
Benzene	0.0909	0.00100	mg/kg wet	0.100		90.9	70-130	2.18	20	
Toluene	0.0900	0.00100	"	0.100		90.0	70-130	1.87	20	
Ethylbenzene	0.0804	0.00100	"	0.100		80.4	70-130	0.743	20	
Xylene (p/m)	0.161	0.00200	"	0.200		80.4	70-130	0.836	20	
Xylene (o)	0.0846	0.00100	"	0.100		84.6	70-130	2.15	20	
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120			
Calibration Blank (P1C2610-CCB2)				Prepared: 0	03/26/21 An	nalyzed: 03	/28/21			
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.129		"	0.120		107	80-120			

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
5	resuit	Lunt	Onito	Level	result	JUNEC	Linits	NI D	Linit	110105
Batch P1C2610 - *** DEFAULT PREP ***										
Calibration Check (P1C2610-CCV2)				Prepared: (	03/26/21	Analyzed: 03	3/29/21			
Benzene	0.0912	0.00100	mg/kg wet	0.100		91.2	80-120			
Toluene	0.0909	0.00100	"	0.100		90.9	80-120			
Ethylbenzene	0.0901	0.00100	"	0.100		90.1	80-120			
Xylene (p/m)	0.164	0.00200	"	0.200		81.9	80-120			
Xylene (o)	0.0878	0.00100	"	0.100		87.8	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.7	75-125			
Surrogate: 1,4-Difluorobenzene	0.124		"	0.120		103	75-125			
Matrix Spike (P1C2610-MS1)	Sou	rce: 1C22021	-01	Prepared: (	03/26/21	Analyzed: 03	8/29/21			
Benzene	0.0659	0.00100	mg/kg dry	0.100	ND	65.9	80-120			QM-0
Toluene	0.0599	0.00100	"	0.100	ND	59.9	80-120			QM-0
Ethylbenzene	0.0607	0.00100	"	0.100	ND	60.7	80-120			QM-0
Xylene (p/m)	0.116	0.00200	"	0.200	ND	58.2	80-120			QM-0
Xylene (o)	0.0640	0.00100	"	0.100	ND	64.0	80-120			QM-0
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.1	80-120			
Matrix Spike Dup (P1C2610-MSD1)	Sou	rce: 1C22021	-01	Prepared: (	03/26/21	Analyzed: 03	8/29/21			
Benzene	0.0647	0.00100	mg/kg dry	0.100	ND	64.7	80-120	1.82	20	QM-0
Toluene	0.0564	0.00100	"	0.100	ND	56.4	80-120	5.97	20	QM-0
Ethylbenzene	0.0598	0.00100	"	0.100	ND	59.8	80-120	1.41	20	QM-0
Xylene (p/m)	0.112	0.00200	"	0.200	ND	56.2	80-120	3.42	20	QM-0
Xylene (o)	0.0654	0.00100		0.100	ND	65.4	80-120	2.16	20	QM-0
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			
Batch P1C2611 - *** DEFAULT PREP ***										
Blank (P1C2611-BLK1)				Prepared: (	03/26/21	Analyzed: 03	3/29/21			
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100								
Ethylbenzene	ND	0.00100								
Xylene (p/m)	ND	0.00200								
Xylene (o)	ND	0.00100								
Surrogate: 1,4-Difluorobenzene	0.130		"	0.120		108	80-120			
Surrogate: 4-Bromofluorobenzene	0.124		"	0.120		103	80-120			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

Permian Basin Environmental Lab, L.P.

AnalycicResultImitUnitLinitVersitResultNeiteLinitNeiteNeiteBarker PIC2G11-S**DEFAULT PREP ***Size (3/262)Nulvect (3/			Reporting		Spike	Source		%REC		RPD	
LCS (P1C2611-BS1)         Prepared: 03/26/21 Analyzed: 03/29/21           Brazene         0.0881         0.0010         mg/kg wet         0.100         88.1         70-130           Toluene         0.0890         0.00100         "         0.100         89.0         70-130           Toluene         0.0803         0.00100         "         0.100         89.3         70-130           Xylene (p/m)         0.161         0.00200         "         0.200         80.6         70-130           Surrogate:         1.4.0 fthurobenzene         0.127         "         0.120         101         87.3         70-130           Surrogate:         1.4.0 fthurobenzene         0.121         "         0.120         102         80-120           LCS Dup (P1C2611-BSD1)         Prepared: 03/26/21 Analyzed: 03/29/21         8.30         20           Benzene         0.0811         0.00100         "         0.100         81.4         70-130         8.30         20           Ickene         0.086         0.00100         "         0.100         81.4         70-130         8.44         20           System (p/m)         0.162         0.00200         "         0.200         80.8         70-130         2.7	Analyte	Result		Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Benzene         0.0881         0.00100         mg/kg wet         0.100         88.1         70-130           Toluene         0.0890         0.00100         "         0.100         80.3         70-130           Killeylbenzene         0.0803         0.00100         "         0.100         80.3         70-130           Surrogate:         1.61         0.00200         "         0.200         80.6         70-130           Surrogate:         1.61         0.0020         "         0.200         80.6         70-130           Surrogate:         1.61         0.0020         "         0.200         80.6         70-130           Surrogate:         1.61         0.0020         "         0.120         101         80-120           Surrogate:         1.61         0.0010         mg/kg wet         0.100         81.1         70-130         8.30         20           LS Dup (PIC2611-BSD1)         Prepared:         0.120         Malk         20         80.8         70-130         8.44         20           Sylenc (pm)         0.162         0.00200         "         0.200         80.8         70-130         2.70         20           Surrogate:         1.420	Batch P1C2611 - *** DEFAULT PREP ***										
Toluene       0.0890       0.0100       *       0.100       8.0       70-130         Ehlybenzene       0.0803       0.00100       *       0.100       80.3       70-130         Sylene (p'm)       0.161       0.00200       *       0.200       80.6       70-130         Surrogate:       1.4-000       83.3       70-130       80-70       70-130         Surrogate:       1.4-0000       83.3       70-130       80-70         Surrogate:       1.4-00000       83.3       70-130       8.9.70         Surrogate:       1.4-000000000000       80.8       70-130       8.30       20         Toluene       0.0810       0.00100       mg wet       0.100       81.1       70-130       8.44       20         Stylene (p'm)       0.162       0.00200       *       0.100       80.8       70-130       8.44       20         Stylene (p'm)       0.162       0.00100       *       0.100       81.1       70-130       8.44       20         Stylene (p'm)       0.162       0.00100       *       0.120       100       80-120       20         Stylene (p'm)       0.162       0.0010       *       0.120       80-	LCS (P1C2611-BS1)				Prepared: 0	3/26/21 A	nalyzed: 03	/29/21			
Nature         0.0807         0.0100         0.100         0.03         70-130           Xylene (p'm)         0.161         0.0020         "         0.200         80.6         70-130           Xylene (p'm)         0.161         0.0020         "         0.200         80.6         70-130           Surrogate:         4-Bromofluorobenzene         0.123         "         0.100         83.3         70-130           Surrogate:         4-Bromofluorobenzene         0.123         "         0.120         101         80-120           LCS Dup (PIC2611-BSD1)         "         0.100         R8.8         0.010         "         0.100         8.8.1         70-130         8.4.4         20           Kylene (p'm)         0.162         0.0000         "         0.100         8.8.8         70-130         8.4.4         20           Kylene (p'm)         0.162         0.0020         "         0.100         8.8.8         70-130         8.4.4         20           Surrogate:         4-Bromofluorobenzene         0.823         "         0.100         8.8.7         70-130         8.4.20           Surrogate:         4-Bromofluorobenzene         0.824         0.0010         "         0.100	Benzene	0.0881	0.00100	mg/kg wet	0.100		88.1	70-130			
Xylene (pin)         0.161         0.0000         "         0.100         88.5         70-130           Xylene (pin)         0.0833         0.0100         "         0.100         88.3         70-130           Surrogate: 4-Bromofluorobenzene         0.127         "         0.120         80-120         80-120           Surrogate: 1,4-Difluorobenzene         0.123         "         0.120         101         80-120           CS Dup (PIC2611-BSD1)         Prepered: 03/26/21         Analyze: 03/29/21         Nanalyze: 03/29/21           Fenzene         0.0811         0.000         "         0.100         88.8         70-130         8.30         20           Toluene         0.0808         0.0010         "         0.100         88.4         70-130         8.44         20           Sylene (pin)         0.612         0.0000         "         0.100         88.7         8.012         2.70         20           Sylene (pin)         0.162         0.0010         "         0.120         100         80-120         2.70         20           Surrogate: 1,4-Difluorobenzene         0.120         0.120         0.120         80-120         2.70         20           Surrogate: 4-Bromofluorobenzene	Toluene	0.0890	0.00100		0.100		89.0	70-130			
Xylenc (n)         0.0833         0.0100         "         0.100         83.3         70-130           Surrogatie: 4-Bramofluorobenzene         0.121         "         0.120         101         80-120           Surrogatie: 1,4-Difluorobenzene         0.123         "         0.120         102         80-120           LCS Dup (PIC2611-BSD1)         Prepared: 03/26/21         Analyzet: 03/29/21         8.30         20           Benzene         0.0811         0.00100         "         0.100         88.7         0.30         8.44         20           Ethylbenzene         0.0874         0.00100         "         0.100         87.4         70-130         8.44         20           Sylene (p/m)         0.162         0.00200         "         0.200         80.8         70-130         2.70         20           Surrogate: 1,4-Difluorobenzene         0.120         "         0.120         103         80-120         20           Surrogate: 1,4-Difluorobenzene         0.123         "         0.120         103         80-120         20           Surrogate: 1,4-Difluorobenzene         0.123         "         0.120         83.3         80-120         20         20           Surrogate: 1,4-Difluor	Ethylbenzene	0.0803	0.00100		0.100		80.3	70-130			
Ayten (u)         Concol         Concol <thconcol< th=""> <thconcol< th=""> <thconcol<< td=""><td>Xylene (p/m)</td><td>0.161</td><td>0.00200</td><td></td><td>0.200</td><td></td><td>80.6</td><td>70-130</td><td></td><td></td><td></td></thconcol<<></thconcol<></thconcol<>	Xylene (p/m)	0.161	0.00200		0.200		80.6	70-130			
Mininginumbenance         0.121         0.123         "         0.123         102         001-0           Surrogane:         1.4-Difluorobenzene         0.123         "         0.120         102         80-120           LCS Dup (PIC2611-BSD1)         Prepared:         03/26/21         Analyzed:         03/29/21           Toluene         0.0808         0.0010         "         0.100         80.8         70-130         8.30         20           Ehtylbenzene         0.0874         0.0010         "         0.100         80.8         70-130         8.44         20           Sylene (p/m)         0.162         0.00200         "         0.200         80.8         70-130         0.27         20           Surrogane:         4.170         "         0.100         "         0.100         80-120         20           Surrogane:         1.4-Difluorobenzene         0.123         "         0.120         Malyzed:         0.329/21           Benzene         0.0875         0.00100         mK wet         0.100         85.3         80-120           Surrogane:         1.4-Difluorobenzene         0.0663         0.0010         "         0.100         85.3         80-120           <	Xylene (o)	0.0833	0.00100	"	0.100		83.3	70-130			
LCS Dup (P1C2611-BSD1)         Prepared:         03/26/21         Analyzed:         03/29/21           Benzene         0.0811         0.00100         mg/kg wet         0.100         81.1         70-130         8.30         20           Toluene         0.0808         0.00100         "         0.100         80.8         70-130         8.44         20           Kylene (p/m)         0.162         0.00200         "         0.200         80.8         70-130         8.44         20           Surrogate:         4.4000         0.0100         "         0.100         81.1         70-130         8.44         20           Surrogate:         4.4000         0.00100         "         0.100         80.120         20           Surrogate:         4.40000         "         0.100         80.120         20         20           Surrogate:         4.400000         mg/kg wet         0.100         88.7         80-120         20           Surrogate:         4.400000         "         0.100         88.7         80-120         20           Surrogate:         4.400000         "         0.100         88.7         80-120         20           Surrogate:         1.42	Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Intervention         0.0811         0.0010         mg/kg wet         0.100         81.1         70-130         8.30         20           Toluene         0.0808         0.00100         "         0.100         80.8         70-130         9.54         20           Ethylbenzene         0.0874         0.00100         "         0.100         87.4         70-130         9.54         20           Xylene (p/m)         0.162         0.00200         "         0.200         80.8         70-130         8.44         20           Surrogate:         1.70-130         8.11         70-130         2.70         20           Surrogate:         1.420         100         81.1         70-130         2.70         20           Calibration Check (PIC2611-CCV3)         "         0.120         103         80-120         20           Surrogate:         1.4-Difluorobenzene         0.0875         0.00100         mg/kg wet         0.100         85.7         80-120           Ethylbenzene         0.0863         0.00100         "         0.100         86.3         80-120         20           Surrogate:         1.4-Difluorobenzene         0.0842         0.0010         "         0.100         84.2	Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	80-120			
Toluene         0.0808         0.0100         "         0.100         80.8         70-130         9.54         20           Ethylbenzene         0.0874         0.00100         "         0.100         87.4         70-130         8.44         20           Xylene (p'm)         0.162         0.0020         "         0.200         80.8         70-130         8.44         20           Surrogate:         4.470         0.0811         0.0010         "         0.100         81.1         70-130         2.70         20           Surrogate:         4.470         0.0811         0.0010         "         0.120         100         80-120         20           Surrogate:         1.4-Difluorobenzene         0.123         "         0.120         103         80-120           Calibration Check (PIC2611-CCV3)         Prepared:         03/26/21         Analyzed:         03/29/21         20         20           Banzene         0.0875         0.00100         mg/8 wet         0.100         88.3         80-120         20         20           Sylene (p'm)         0.162         0.0020         "         0.200         81.2         80-120         20           Sylene (p'm)         0.1	LCS Dup (P1C2611-BSD1)				Prepared: 0	3/26/21 A	nalyzed: 03	/29/21			
Indicition       0.0000       0.0000       0.0000       0.0000       0.0000       0.0000       0.0000       0.0000       0.0000       0.0000       0.00100       0.0100 <td>Benzene</td> <td>0.0811</td> <td>0.00100</td> <td>mg/kg wet</td> <td>0.100</td> <td></td> <td>81.1</td> <td>70-130</td> <td>8.30</td> <td>20</td> <td></td>	Benzene	0.0811	0.00100	mg/kg wet	0.100		81.1	70-130	8.30	20	
Nylene (p/m)       0.162       0.0200       "       0.200       80.8       70-130       0.297       20         Xylene (o)       0.0811       0.0000       "       0.100       81.1       70-130       2.70       20         Surrogate: 4-Bromofluorobenzene       0.120       "       0.120       100       80-120       80-120         Calibration Check (PIC2611-CCV3)       Prepared:       0.326/21       Analyzed:       0.329/21         Benzene       0.0875       0.00100       mg/kg wet       0.100       88.7       80-120         Toluene       0.0887       0.00100       "       0.100       88.7       80-120         Kylene (p/m)       0.162       0.00200       "       0.100       88.7       80-120         Surrogate: 1,4-Difluorobenzene       0.0842       0.0010       "       0.100       84.2       80-120         Surrogate: 1,4-Difluorobenzene       0.122       "       0.120       103       75-125       0.75-125         Marting Spike (PIC2611-MS1)       Source: IC22021-28       Prepared: 03/26/21       Analyzed: 03/29/21       QM-00         Surrogate: 1,4-Difluorobenzene       0.0682       0.00102       mg/kg dry       0.120       ND       66.8	Toluene	0.0808	0.00100		0.100		80.8	70-130	9.54	20	
Append (p) (n)       0.102       0.00100       0.100       81.0       0.010       81.1       70-130       2.0         Surrogate: 4.4Bromofluorobenzene       0.120       "       0.120       100       80-120       20         Calibration Check (P1C2611-CCV3)       Prepared: 03/26/21       Analyzed: 03/29/21       80-120       100       80-120         Calibration Check (P1C2611-CCV3)       Prepared: 03/26/21       Analyzed: 03/29/21       100       80-120         Calibration Check (P1C2611-CCV3)       Prepared: 03/26/21       Analyzed: 03/29/21       100       80-120         Calibration Check (P1C2611-CCV3)       Prepared: 03/26/21       Analyzed: 03/29/21       100       80-120         Surrogate: 1.4-Difluorobenzene       0.0887       0.00100       0.100       86.3       80-120         Ethylbenzene       0.0887       0.00100       0.100       86.3       80-120       100         Xylene (p/m)       0.162       0.00200       "       0.100       86.3       80-120       100         Surrogate: 1.4-Difluorobenzene       0.122       "       0.120       102       75-125       105         Surrogate: 1.4-Difluorobenzene       0.0682       0.00102       mcpared: 03/26/21       Analyzed: 03/29/21       100	Ethylbenzene	0.0874	0.00100		0.100		87.4	70-130	8.44	20	
Aylene (b)       0.0010       0.0010       0.0010       0.100       0.110       0.110       2.10       2.0         Surrogate: 4-Bromofluorobenzene       0.120       "       0.120       100       80-120         Calibration Check (P1C2611-CCV3)       Prepared: 03/26/21       Analyzed: 03/29/21         Benzene       0.0875       0.00100       mg/kg wet       0.100       87.5       80-120         Toluene       0.0863       0.00100       "       0.100       88.7       80-120         Kylene (p/m)       0.162       0.00200       "       0.100       86.3       80-120         Surrogate: 1,4-Difluorobenzene       0.0887       0.00100       "       0.100       86.3       80-120         Kylene (p/m)       0.162       0.00200       "       0.200       81.2       80-120         Surrogate: 1,4-Difluorobenzene       0.122       "       0.100       84.2       80-120         Surrogate: 1,4-Difluorobenzene       0.122       "       0.120       102       75-125         Surrogate: 1,4-Difluorobenzene       0.0682       0.0102       mg/kg dry       0.102       ND       66.8       80-120       QM-07         Toluene       0.0691       0.0102	Xylene (p/m)	0.162	0.00200	"	0.200		80.8	70-130	0.297	20	
Marring date: +-printing data obtainer         0.120         100         80-120           Surrogate: 1, 4-Diffuorobenzene         0.123         "         0.120         103         80-120           Calibration Check (PIC2611-CCV3)         Prepared: 03/26/21         Analyzed: 03/29/21         03/29/21           Benzene         0.0875         0.00100         mg/kg wet         0.100         88.7         80-120           Toluene         0.0887         0.00100         "         0.100         88.7         80-120           Kylene (p/m)         0.162         0.00200         "         0.200         81.2         80-120           Xylene (o)         0.0842         0.00100         "         0.100         86.3         80-120           Surrogate: 1,4-Difluorobenzene         0.0842         0.00100         "         0.100         84.2         80-120           Surrogate: 1,4-Difluorobenzene         0.122         "         0.120         102         75-125           Surrogate: 1,4-Difluorobenzene         0.125         "         0.120         105         75-125           Matrix Spike (PIC2611-MS1)         Source: IC22021-28         Prepared: 03/26/21         Analyzed: 03/29/21         QM-07           Toluene         0.0691	Xylene (o)	0.0811	0.00100		0.100		81.1	70-130	2.70	20	
Calibration Check (PIC2611-CCV3)         Prepared:         0.120         103         80-120           Benzene         0.0875         0.00100         mg/kg wet         0.100         87.5         80-120           Toluene         0.0887         0.00100         "         0.100         88.7         80-120           Ethylbenzene         0.0863         0.00100         "         0.100         86.3         80-120           Xylene (p/m)         0.162         0.00200         "         0.200         81.2         80-120           Xylene (o)         0.0842         0.00100         "         0.100         84.2         80-120           Surrogate:         4-Bromofluorobenzene         0.122         "         0.120         102         75-125           Matrix Spike (P1C2611-MS1)         Source:         1C22021-28         Prepared:         03/26/21         Analyzed:         03/29/21           Benzene         0.0682         0.00102         mg/kg dry         0.102         ND         66.8         80-120         QM-07           Toluene         0.0691         0.0102         "         0.102         ND         66.8         80-120         QM-07           Xylene (p/m)         0.127         0.0024 <td>Surrogate: 4-Bromofluorobenzene</td> <td>0.120</td> <td></td> <td>"</td> <td>0.120</td> <td></td> <td>100</td> <td>80-120</td> <td></td> <td></td> <td></td>	Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
Benzene         0.0875         0.00100         mg/kg wet         0.100         87.5         80-120           Toluene         0.0887         0.00100         "         0.100         88.7         80-120           Ethylbenzene         0.0863         0.00100         "         0.100         86.3         80-120           Xylene (p/m)         0.162         0.00200         "         0.200         81.2         80-120           Xylene (o)         0.0842         0.00100         "         0.100         84.2         80-120           Surrogate: 1.4-Difluorobenzene         0.122         "         0.120         102         75-125           Matrix Spike (PIC2611-MS1)         Source: IC22021-28         Prepared: 03/26/21         Analyzed: 03/29/21           Benzene         0.0682         0.00102         "         0.102         ND         66.8         80-120         QM-07           Toluene         0.0691         0.00102         "         0.102         ND         67.8         80-120         QM-07           Kylene (p/m)         0.127         0.00204         "         0.204         ND         62.2         80-120         QM-07           Xylene (o)         0.0636         0.00102         <	Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	80-120			
Toluene       0.0887       0.0010       "       0.100       88.7       80-120         Ethylbenzene       0.0863       0.0010       "       0.100       86.3       80-120         Xylene (p/m)       0.162       0.0020       "       0.200       81.2       80-120         Surrogate: 4-Bromofluorobenzene       0.122       "       0.100       84.2       80-120         Matrix Spike (P1C2611-MS1)       Source: 1C22021-28       Prepared: 03/26/21       Analyzed: 03/29/21       Old 2       QM-07         Benzene       0.0682       0.00102       mg/kg dry       0.102       ND       66.8       80-120       QM-07         Toluene       0.0682       0.00102       "       0.102       ND       66.8       80-120       QM-07         Xylene (p/m)       0.0683       0.00102       "       0.102       ND       66.8       80-120       QM-07         Xylene (p/m)       0.0636       0.00102       "       0.102       ND       66.2       80-120       QM-07         Xylene (p/m)       0.127       0.00204       "       0.102       ND       62.5       80-120       QM-07         Xylene (o)       0.0636       0.0102       "       <	Calibration Check (P1C2611-CCV3)				Prepared: 0	03/26/21 A	nalyzed: 03	/29/21			
Induct       0.0001       0.00100       0.00100       0.00100       0.00100       0.00100       0.00100       0.00100       86.3       80-120         Xylene (p/m)       0.162       0.00200       0.200       81.2       80-120         Xylene (o)       0.0842       0.00100       0.100       84.2       80-120         Surrogate: 4-Bromofluorobenzene       0.122       "       0.120       102       75-125         Surrogate: 1,4-Difluorobenzene       0.125       "       0.120       105       75-125         Matrix Spike (P1C2611-MS1)       Source: 1C22021-28       Prepared: 03/26/21       Analyzed: 03/29/21         Benzene       0.0682       0.00102       mg/kg dry       0.102       ND       66.8       80-120       QM-07         Toluene       0.0691       0.00102       "       0.102       ND       67.8       80-120       QM-07         Xylene (p/m)       0.127       0.00204       "       0.204       ND       62.2       80-120       QM-07         Xylene (p/m)       0.127       0.00204       "       0.102       ND       62.4       80-120       QM-07         Xylene (o)       0.0636       0.00102       "       0.102 <td< td=""><td>Benzene</td><td>0.0875</td><td>0.00100</td><td>mg/kg wet</td><td>0.100</td><td></td><td>87.5</td><td>80-120</td><td></td><td></td><td></td></td<>	Benzene	0.0875	0.00100	mg/kg wet	0.100		87.5	80-120			
Linyhenzhe       0.0000       0.00100       0.100       0.00100       0.00100       0.0000       81.2       80-120         Xylene (p/m)       0.162       0.00200       0.200       81.2       80-120         Xylene (o)       0.0842       0.00100       0.100       84.2       80-120         Surrogate: 4-Bromofluorobenzene       0.122       "       0.120       102       75-125         Surrogate: 1,4-Difluorobenzene       0.125       "       0.120       105       75-125         Matrix Spike (P1C2611-MS1)       Source: 1C22021-28       Prepared: 03/26/21       Analyzed: 03/29/21       QM-01         Toluene       0.0682       0.00102       mg/kg dry       0.102       ND       66.8       80-120       QM-01         Toluene       0.0691       0.00102       "       0.102       ND       67.8       80-120       QM-01         Xylene (p/m)       0.127       0.00204       "       0.102       ND       62.5       80-120       QM-01         Xylene (o)       0.0636       0.00102       "       0.102       ND       62.4       80-120       QM-01         Surrogate: 1,4-Difluorobenzene       0.129       "       0.122       106       80-120 <td>Toluene</td> <td>0.0887</td> <td>0.00100</td> <td>"</td> <td>0.100</td> <td></td> <td>88.7</td> <td>80-120</td> <td></td> <td></td> <td></td>	Toluene	0.0887	0.00100	"	0.100		88.7	80-120			
Xylene (o)       0.0842       0.00100       "       0.100       84.2       80-120         Surrogate: 4-Bromofluorobenzene       0.122       "       0.120       102       75-125         Surrogate: 1,4-Difluorobenzene       0.125       "       0.120       105       75-125         Matrix Spike (P1C2611-MS1)       Source: 1C22021-28       Prepared: 03/26/21       Analyzed: 03/29/21         Benzene       0.0682       0.00102       mg/kg dry       0.102       ND       66.8       80-120       QM-07         Toluene       0.0691       0.00102       "       0.102       ND       67.8       80-120       QM-07         Kylene (p/m)       0.127       0.00204       "       0.102       ND       62.5       80-120       QM-07         Kylene (o)       0.0636       0.00102       "       0.102       ND       62.5       80-120       QM-07         Kylene (p/m)       0.127       0.00204       "       0.102       ND       62.4       80-120       QM-07         Surrogate: 1,4-Difluorobenzene       0.129       "       0.102       ND       62.4       80-120       QM-07	Ethylbenzene	0.0863	0.00100	"	0.100		86.3	80-120			
Surrogate: 4-Bromofluorobenzene       0.122       "       0.120       102       75-125         Surrogate: 1,4-Difluorobenzene       0.125       "       0.120       105       75-125         Matrix Spike (P1C2611-MS1)       Source: 1C22021-28       Prepared: 03/26/21       Analyzed: 03/29/21         Benzene       0.0682       0.00102       mg/kg dry       0.102       ND       66.8       80-120       QM-07         Toluene       0.0691       0.00102       "       0.102       ND       67.8       80-120       QM-07         Xylene (p/m)       0.127       0.00204       "       0.204       ND       62.2       80-120       QM-07         Xylene (o)       0.0636       0.0102       "       0.102       ND       62.4       80-120       QM-07         Surrogate: 1,4-Difluorobenzene       0.204       "       0.204       ND       62.2       80-120       QM-07         Surrogate: 1,4-Difluorobenzene       0.129       "       0.122       106       80-120       QM-07	Xylene (p/m)	0.162	0.00200		0.200		81.2	80-120			
Surrogate: 1,4-Difluorobenzene       0.122       0.120       102       75125         Matrix Spike (P1C2611-MS1)       Source: 1C22021-28       Prepared: 03/26/21       Analyzed: 03/29/21         Benzene       0.0682       0.00102       mg/kg dry       0.102       ND       66.8       80-120       QM-07         Toluene       0.0691       0.00102       "       0.102       ND       67.8       80-120       QM-07         Kylene (p/m)       0.127       0.00204       "       0.204       ND       62.2       80-120       QM-07         Xylene (o)       0.0636       0.00102       "       0.102       ND       66.8       80-120       QM-07         Surrogate: 1,4-Difluorobenzene       0.0638       0.00102       "       0.102       ND       62.5       80-120       QM-07         Surrogate: 1,4-Difluorobenzene       0.127       0.00204       "       0.204       ND       62.2       80-120       QM-07         Surrogate: 1,4-Difluorobenzene       0.129       "       0.122       106       80-120       QM-07	Xylene (o)	0.0842	0.00100		0.100		84.2	80-120			
Matrix Spike (P1C2611-MS1)         Source: 1C22021-28         Prepared: 03/26/21         Analyzed: 03/29/21           Benzene         0.0682         0.00102         mg/kg dry         0.102         ND         66.8         80-120         QM-07           Toluene         0.0691         0.00102         "         0.102         ND         67.8         80-120         QM-07           Ethylbenzene         0.0638         0.00102         "         0.102         ND         62.5         80-120         QM-07           Xylene (p/m)         0.127         0.00204         "         0.204         ND         62.2         80-120         QM-07           Xylene (o)         0.0636         0.00102         "         0.102         ND         62.4         80-120         QM-07           Surrogate: 1,4-Difluorobenzene         0.129         "         0.102         ND         62.4         80-120         QM-07	Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	75-125			
Benzene         0.0682         0.00102         mg/kg dry         0.102         ND         66.8         80-120         QM-07           Toluene         0.0691         0.00102         "         0.102         ND         67.8         80-120         QM-07           Ethylbenzene         0.0638         0.00102         "         0.102         ND         67.8         80-120         QM-07           Xylene (p/m)         0.127         0.00204         "         0.204         ND         62.2         80-120         QM-07           Xylene (o)         0.0636         0.00102         "         0.102         ND         62.4         80-120         QM-07           Surrogate: 1,4-Difluorobenzene         0.129         "         0.122         106         80-120	Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		105	75-125			
Toluene         0.0691         0.00102         "         0.102         ND         67.8         80-120         QM-07           Ethylbenzene         0.0638         0.00102         "         0.102         ND         62.5         80-120         QM-07           Xylene (p/m)         0.127         0.00204         "         0.204         ND         62.2         80-120         QM-07           Xylene (o)         0.0636         0.00102         "         0.102         ND         62.4         80-120         QM-07           Surrogate: 1,4-Difluorobenzene         0.129         "         0.122         106         80-120         QM-07	Matrix Spike (P1C2611-MS1)	Sou	ırce: 1C22021	-28	Prepared: 0	03/26/21 A	nalyzed: 03	/29/21			
Ethylbenzene       0.0638       0.00102       "       0.102       ND       62.5       80-120       QM-07         Xylene (p/m)       0.127       0.00204       "       0.204       ND       62.2       80-120       QM-07         Xylene (o)       0.0636       0.00102       "       0.102       ND       62.4       80-120       QM-07         Surrogate: 1,4-Difluorobenzene       0.129       "       0.122       106       80-120	Benzene	0.0682	0.00102	mg/kg dry	0.102	ND	66.8	80-120			QM-07
Xylene (p/m)       0.127       0.00204       "       0.204       ND       62.2       80-120       QM-07         Xylene (o)       0.0636       0.00102       "       0.102       ND       62.4       80-120       QM-07         Surrogate: 1,4-Difluorobenzene       0.129       "       0.122       106       80-120	Toluene	0.0691	0.00102		0.102	ND	67.8	80-120			QM-07
Xylene (p/nl)       0.127       0.00204       0.204       ND       62.2       80-120       QM-07         Xylene (o)       0.0636       0.00102       "       0.102       ND       62.4       80-120       QM-07         Surrogate: 1,4-Difluorobenzene       0.129       "       0.122       106       80-120	Ethylbenzene	0.0638	0.00102		0.102	ND	62.5	80-120			QM-07
Surrogate: 1,4-Difluorobenzene         0.129         "         0.122         106         80-120	Xylene (p/m)	0.127	0.00204	"	0.204	ND	62.2	80-120			QM-07
Surrogate. 1,4-Dijutorobelizene 0.129 0.122 100 00-120	Xylene (o)	0.0636	0.00102		0.102	ND	62.4	80-120			QM-07
Surrogate: 4-Bromofluorobenzene 0.122 " 0.122 99.3 80-120	Surrogate: 1,4-Difluorobenzene	0.129		"	0.122		106	80-120			
	Surrogate: 4-Bromofluorobenzene	0.122		"	0.122		99.3	80-120			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

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

#### Batch P1C2611 - \*\*\* DEFAULT PREP \*\*\*

Matrix Spike Dup (P1C2611-MSD1)	Sour	rce: 1C22021	-28	Prepared: (	)3/26/21 A	Analyzed: 03	3/29/21			
Benzene	0.0737	0.00102	mg/kg dry	0.102	ND	72.3	80-120	7.79	20	QM-07
Toluene	0.0736	0.00102	"	0.102	ND	72.1	80-120	6.22	20	QM-07
Ethylbenzene	0.0473	0.00102	"	0.102	ND	46.4	80-120	29.7	20	QM-07
Xylene (p/m)	0.116	0.00204	"	0.204	ND	56.6	80-120	9.34	20	QM-07
Xylene (o)	0.0713	0.00102	"	0.102	ND	69.8	80-120	11.3	20	QM-07
Surrogate: 4-Bromofluorobenzene	0.129		"	0.122		105	80-120			
Surrogate: 1,4-Difluorobenzene	0.132		"	0.122		107	80-120			

#### Batch P1C2614 - \*\*\* DEFAULT PREP \*\*\*

Blank (P1C2614-BLK1)				Prepared: 03/26/2	21 Analyzed: 03/	31/21	
Benzene	ND	0.00100	mg/kg wet				
Toluene	ND	0.00100	"				
Ethylbenzene	ND	0.00100	"				
Xylene (p/m)	ND	0.00200	"				
Xylene (o)	ND	0.00100	"				
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120	101	80-120	
Surrogate: 4-Bromofluorobenzene	0.115		"	0.120	95.8	80-120	

LCS (P1C2614-BS1)		Prepared: 03/26/21 Analyzed: 03/31/21						
Benzene	0.0935	0.00100	mg/kg wet	0.100	93.5	70-130		
Toluene	0.0871	0.00100	"	0.100	87.1	70-130		
Ethylbenzene	0.0812	0.00100	"	0.100	81.2	70-130		
Xylene (p/m)	0.164	0.00200	"	0.200	81.9	70-130		
Xylene (o)	0.0824	0.00100	"	0.100	82.4	70-130		
Surrogate: 1,4-Difluorobenzene	0.119		"	0.120	99.1	80-120		
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120	96.4	80-120		

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

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C2614 - *** DEFAULT PREP ***										
LCS Dup (P1C2614-BSD1)				Prepared: 0	03/26/21 At	nalyzed: 03	/31/21			
Benzene	0.0937	0.00100	mg/kg wet	0.100		93.7	70-130	0.267	20	
Toluene	0.0883	0.00100	"	0.100		88.3	70-130	1.30	20	
Ethylbenzene	0.0807	0.00100	"	0.100		80.7	70-130	0.580	20	
Xylene (p/m)	0.163	0.00200	"	0.200		81.4	70-130	0.600	20	
Xylene (o)	0.0835	0.00100	"	0.100		83.5	70-130	1.31	20	
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.3	80-120			
Surrogate: 1,4-Difluorobenzene	0.118		"	0.120		98.4	80-120			
Calibration Blank (P1C2614-CCB1)				Prepared: 0	03/26/21 Ai	nalyzed: 03	/31/21			
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.113		"	0.120		93.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			
Calibration Blank (P1C2614-CCB2)				Prepared: 0	)3/26/21 Ai	nalyzed: 04	/01/21			
Benzene	0.00		mg/kg wet	*						
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.111		"	0.120		92.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			
Calibration Check (P1C2614-CCV1)				Prepared: 0	)3/26/21 Ai	nalyzed: 03	/31/21			
Benzene	0.0934	0.00100	mg/kg wet	0.100		93.4	80-120			
Toluene	0.0877	0.00100	"	0.100		87.7	80-120			
Ethylbenzene	0.0868	0.00100	"	0.100		86.8	80-120			
Xylene (p/m)	0.160	0.00200	"	0.200		80.2	80-120			
Xylene (o)	0.0848	0.00100	"	0.100		84.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.120		"	0.120		99.9	75-125			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.5	75-125			

Permian Basin Environmental Lab, L.P.

Fax: (432) 563-2213

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare
13000 West County Road 100	Project Number:	13636
Odessa TX, 79765	Project Manager:	Tim McMinn

### BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

	D k	Reporting		Spike	Source	NDEC	%REC	DDD	RPD	N. (
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C2614 - *** DEFAULT PREP ***										
Calibration Check (P1C2614-CCV2)				Prepared: (	03/26/21 Ar	nalyzed: 03	/31/21			
Benzene	0.107	0.00100	mg/kg wet	0.100		107	80-120			
Toluene	0.0909	0.00100	"	0.100		90.9	80-120			
Ethylbenzene	0.0805	0.00100		0.100		80.5	80-120			
Xylene (p/m)	0.162	0.00200		0.200		81.1	80-120			
Xylene (o)	0.0842	0.00100		0.100		84.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.4	75-125			
Surrogate: 1,4-Difluorobenzene	0.133		"	0.120		110	75-125			
Calibration Check (P1C2614-CCV3)				Prepared: (	03/26/21 Ar	nalyzed: 04	/01/21			
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.0914	0.00100	"	0.100		91.4	80-120			
Ethylbenzene	0.0841	0.00100	"	0.100		84.1	80-120			
Xylene (p/m)	0.162	0.00200	"	0.200		81.2	80-120			
Xylene (o)	0.0874	0.00100		0.100		87.4	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	75-125			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	75-125			
Matrix Spike (P1C2614-MS1)	Sou	rce: 1C22021	-41	Prepared: (	03/26/21 Ar	nalyzed: 04	/01/21			
Benzene	0.101	0.00100	mg/kg dry	0.100	0.00218	99.1	80-120			
Toluene	ND	0.00100	"	0.100	0.736	NR	80-120			QM-0'
Ethylbenzene	ND	0.00100		0.100	1.32	NR	80-120			QM-0'
Xylene (p/m)	ND	0.00200		0.200	1.56	NR	80-120			QM-0
Xylene (o)	ND	0.00100		0.100	0.635	NR	80-120			QM-0'
Surrogate: 4-Bromofluorobenzene	0.0929		"	0.120		77.4	80-120			S-G(
Surrogate: 1,4-Difluorobenzene	0.136		"	0.120		113	80-120			
Matrix Spike Dup (P1C2614-MSD1)	Sou	rce: 1C22021	-41	Prepared: (	03/26/21 Ar	nalyzed: 04	/01/21			
Benzene	0.0882	0.00100	mg/kg dry	0.100	0.00218	86.0	80-120	14.1	20	
Toluene	ND	0.00100		0.100	0.736	NR	80-120		20	QM-0'
Ethylbenzene	ND	0.00100		0.100	1.32	NR	80-120		20	QM-0'
Xylene (p/m)	ND	0.00200		0.200	1.56	NR	80-120		20	QM-0'
Xylene (o)	ND	0.00100		0.100	0.635	NR	80-120		20	QM-0'
Surrogate: 4-Bromofluorobenzene	0.0877		"	0.120		73.0	80-120			S-G(
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	80-120			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
-	Tresurt		emb	Lever	ittouit	, vicie	2	10.0	Linin	110005
Batch P1C2615 - *** DEFAULT PREP ***										
Blank (P1C2615-BLK1)				Prepared: (	03/26/21 Ai	nalyzed: 04	/01/21			
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.128		"	0.120		106	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			
LCS (P1C2615-BS1)				Prepared: (	)3/26/21 Ai	nalyzed: 04	/01/21			
Benzene	0.0932	0.00100	mg/kg wet	0.100		93.2	70-130			
Toluene	0.0857	0.00100	"	0.100		85.7	70-130			
Ethylbenzene	0.0806	0.00100	"	0.100		80.6	70-130			
Xylene (p/m)	0.163	0.00200	"	0.200		81.4	70-130			
Xylene (o)	0.0801	0.00100	"	0.100		80.1	70-130			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.2	80-120			
LCS Dup (P1C2615-BSD1)				Prepared: (	)3/26/21 Ar	nalyzed: 04	/01/21			
Benzene	0.0908	0.00100	mg/kg wet	0.100		90.8	70-130	2.61	20	
Toluene	0.0844	0.00100	"	0.100		84.4	70-130	1.56	20	
Ethylbenzene	0.0802	0.00100	"	0.100		80.2	70-130	0.473	20	
Xylene (p/m)	0.161	0.00200	"	0.200		80.4	70-130	1.27	20	
Xylene (o)	0.0815	0.00100	"	0.100		81.5	70-130	1.67	20	
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		100	80-120			
Calibration Blank (P1C2615-CCB1)				Prepared: (	)3/26/21 Ar	nalyzed: 04	/01/21			
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.130		"	0.120		109	80-120			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
-	Result	Lint	Cinto	Lever	Result	Juice	Linits	Iu D	Linit	110105
Batch P1C2615 - *** DEFAULT PREP ***							10.1.10.1			
Calibration Blank (P1C2615-CCB2)				Prepared: (	03/26/21 Ar	halyzed: 04	/01/21			
Benzene	0.00		mg/kg wet							
Toluene	0.00									
Ethylbenzene	0.00									
Xylene (p/m)	0.00									
Xylene (o)	0.00									
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120		98.1	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	80-120			
Calibration Check (P1C2615-CCV1)				Prepared: (	)3/26/21 Ar	nalyzed: 04	/01/21			
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.0914	0.00100	"	0.100		91.4	80-120			
Ethylbenzene	0.0841	0.00100	"	0.100		84.1	80-120			
Xylene (p/m)	0.162	0.00200	"	0.200		81.2	80-120			
Xylene (o)	0.0874	0.00100	"	0.100		87.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.127		"	0.120		106	75-125			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	75-125			
Calibration Check (P1C2615-CCV2)				Prepared: (	)3/26/21 Ar	nalvzed: 04	/01/21			
Benzene	0.0938	0.00100	mg/kg wet	0.100		93.8	80-120			
Toluene	0.0841	0.00100	"	0.100		84.1	80-120			
Ethylbenzene	0.0877	0.00100	"	0.100		87.7	80-120			
Xylene (p/m)	0.165	0.00200	"	0.200		82.5	80-120			
Xylene (o)	0.0827	0.00100	"	0.100		82.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		103	75-125			
Surrogate: 4-Bromofluorobenzene	0.125		"	0.120		104	75-125			
Calibration Check (P1C2615-CCV3)				Prepared: (	)3/26/21 Ar	nalvzed: 04	/01/21			
Benzene	0.0914	0.00100	mg/kg wet	0.100		91.4	80-120			
Toluene	0.0840	0.00100	"	0.100		84.0	80-120			
Ethylbenzene	0.0828	0.00100	"	0.100		82.8	80-120			
Xylene (p/m)	0.163	0.00200	"	0.200		81.3	80-120			
Xylene (o)	0.0832	0.00100	"	0.100		83.2	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	75-125			
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	75-125			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

		Reporting	g	Spike	Source		%REC		RPD	
An	alyte Resu	lt Limi	t Units	Level	Result	%REC	Limits	RPD	Limit	Notes

#### Batch P1C2615 - \*\*\* DEFAULT PREP \*\*\*

Matrix Spike (P1C2615-MS1)	Sour	ce: 1C22021	-62	Prepared:	03/26/21 An	alyzed: 04	4/01/21			
Benzene	0.0844	0.00100	mg/kg dry	0.100	0.00174	82.7	80-120			
Toluene	0.0811	0.00100	"	0.100	0.00760	73.5	80-120			QM-07
Ethylbenzene	0.0671	0.00100	"	0.100	0.00850	58.6	80-120			QM-07
Xylene (p/m)	0.120	0.00200	"	0.200	0.00835	56.1	80-120			QM-07
Xylene (o)	0.0721	0.00100	"	0.100	0.0129	59.2	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		102	80-120			
Surrogate: 1,4-Difluorobenzene	0.130		"	0.120		108	80-120			
Matrix Spike Dup (P1C2615-MSD1)	Sour	ce: 1C22021	-62	Prepared:	03/26/21 An	alyzed: 04	4/01/21			
Benzene	0.0873	0.00100	mg/kg dry	0.100	0.00174	85.6	80-120	3.46	20	
Toluene	0.0823	0.00100	"	0.100	0.00760	74.7	80-120	1.58	20	QM-07
Ethylbenzene	0.0713	0.00100	"	0.100	0.00850	62.8	80-120	6.90	20	QM-07
Xylene (p/m)	0.136	0.00200	"	0.200	0.00835	64.0	80-120	13.3	20	QM-07
Xylene (o)	0.0769	0.00100	"	0.100	0.0129	64.0	80-120	7.87	20	QM-07
	0.129		"	0.120		107	80-120			
Surrogate: 1,4-Difluorobenzene	0.129			0.120		107	00 120			

#### Batch P1C2616 - \*\*\* DEFAULT PREP \*\*\*

Blank (P1C2616-BLK1)				Prepared: 03/26	/21 Analyzed: 04/	01/21	
Benzene	ND	0.00100	mg/kg wet				
Toluene	ND	0.00100	"				
Ethylbenzene	ND	0.00100	"				
Xylene (p/m)	ND	0.00200	"				
Xylene (o)	ND	0.00100	"				
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120	104	80-120	
Surrogate: 4-Bromofluorobenzene	0.118		"	0.120	98.6	80-120	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C2616 - *** DEFAULT PREP ***										
LCS (P1C2616-BS1)				Prepared: 0	)3/26/21 Ai	nalyzed: 04	/01/21			
Benzene	0.0883	0.00100	mg/kg wet	0.100		88.3	70-130			
Toluene	0.0838	0.00100	"	0.100		83.8	70-130			
Ethylbenzene	0.0840	0.00100	"	0.100		84.0	70-130			
Xylene (p/m)	0.161	0.00200	"	0.200		80.5	70-130			
Xylene (o)	0.0808	0.00100	"	0.100		80.8	70-130			
Surrogate: 1,4-Difluorobenzene	0.121		"	0.120		101	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.9	80-120			
LCS Dup (P1C2616-BSD1)				Prepared: 0	)3/26/21 Ai	nalyzed: 04	/01/21			
Benzene	0.0829	0.00100	mg/kg wet	0.100		82.9	70-130	6.23	20	
Toluene	0.0831	0.00100	"	0.100		83.1	70-130	0.887	20	
Ethylbenzene	0.0807	0.00100	"	0.100		80.7	70-130	3.99	20	
Xylene (p/m)	0.166	0.00200	"	0.200		83.0	70-130	3.09	20	
Xylene (o)	0.0832	0.00100	"	0.100		83.2	70-130	2.98	20	
Surrogate: 1,4-Difluorobenzene	0.122		"	0.120		102	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		101	80-120			
Calibration Blank (P1C2616-CCB1)				Prepared: 0	)3/26/21 Ai	nalyzed: 04	/01/21			
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.119		"	0.120		99.2	80-120			
Calibration Blank (P1C2616-CCB2)				Prepared: 0	)3/26/21 Ai	nalyzed: 04	/01/21			
Benzene	0.00		mg/kg wet							
Toluene	0.00		"							
Ethylbenzene	0.00		"							
Xylene (p/m)	0.00		"							
Xylene (o)	0.00		"							
Surrogate: 1,4-Difluorobenzene	0.129		"	0.120		108	80-120			
Surrogate: 4-Bromofluorobenzene	0.121		"	0.120		100	80-120			

Permian Basin Environmental Lab, L.P.

Fax: (432) 563-2213

E Tech Environmental & Safety Solutions, Inc. [1]	Project: Crazy Wolf 1H Flare
13000 West County Road 100	Project Number: 13636
Odessa TX, 79765	Project Manager: Tim McMinn

### BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C2616 - *** DEFAULT PREP ***										
Calibration Check (P1C2616-CCV2)				Prepared:	03/26/21 An	alyzed: 04	/01/21			
Benzene	0.0923	0.00100	mg/kg wet	0.100		92.3	80-120			
Toluene	0.0853	0.00100	"	0.100		85.3	80-120			
Ethylbenzene	0.0814	0.00100	"	0.100		81.4	80-120			
Xylene (p/m)	0.164	0.00200	"	0.200		82.2	80-120			
Xylene (o)	0.0828	0.00100	"	0.100		82.8	80-120			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	75-125			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	75-125			
Calibration Check (P1C2616-CCV3)				Prepared:	03/26/21 An	alyzed: 04	/02/21			
Benzene	0.0832	0.00100	mg/kg wet	0.100		83.2	80-120			
Toluene	0.0805	0.00100		0.100		80.5	80-120			
Ethylbenzene	0.0815	0.00100		0.100		81.5	80-120			
Xylene (p/m)	0.162	0.00200		0.200		81.0	80-120			
Xylene (o)	0.0803	0.00100	"	0.100		80.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.8	75-125			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	75-125			
Matrix Spike (P1C2616-MS1)	Sou	ırce: 1C22022	-11	Prepared:	03/26/21 An	nalyzed: 04	/02/21			
Benzene	0.0536	0.00100	mg/kg dry	0.100	0.000690	53.0	80-120			QM-07
Toluene	0.0938	0.00100	"	0.100	0.0636	30.2	80-120			QM-07
Ethylbenzene	0.124	0.00100		0.100	0.155	NR	80-120			QM-07
Xylene (p/m)	0.103	0.00200	"	0.200	0.0819	10.6	80-120			QM-07
Xylene (o)	0.148	0.00100	"	0.100	0.122	25.5	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.104		"	0.120		86.4	80-120			
Surrogate: 1,4-Difluorobenzene	0.132		"	0.120		110	80-120			
Matrix Spike Dup (P1C2616-MSD1)	Sou	ırce: 1C22022	-11	Prepared:	03/26/21 An	alyzed: 04	/02/21			
Benzene	0.0578	0.00100	mg/kg dry	0.100	0.000690	57.2	80-120	7.63	20	QM-07
Toluene	0.0993	0.00100		0.100	0.0636	35.7	80-120	16.8	20	QM-07
Ethylbenzene	0.128	0.00100		0.100	0.155	NR	80-120	NR	20	QM-07
Xylene (p/m)	0.0881	0.00200		0.200	0.0819	3.13	80-120	109	20	QM-07, R3
Xylene (o)	0.166	0.00100		0.100	0.122	43.9	80-120	52.8	20	QM-07, R3
Surrogate: 4-Bromofluorobenzene	0.104		"	0.120		86.7	80-120			
Surrogate: 1,4-Difluorobenzene	0.132		"	0.120		110	80-120			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

Permian Basin Environmental Lab, L.P.

Analyta	Result	Reporting	Unita	Spike	Source	%REC	%REC	רוקק	RPD Limit	Noto-
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C3107 - *** DEFAULT PREP ***										
Blank (P1C3107-BLK1)				Prepared: (	)3/31/21 Ai	nalyzed: 04	/02/21			
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.128		"	0.120		107	80-120			
Surrogate: 4-Bromofluorobenzene	0.123		"	0.120		103	80-120			
LCS (P1C3107-BS1)				Prepared: (	)3/31/21 Ai	nalyzed: 04	/02/21			
Benzene	0.0917	0.00100	mg/kg wet	0.100		91.7	70-130			
Toluene	0.0880	0.00100	"	0.100		88.0	70-130			
Ethylbenzene	0.0823	0.00100	"	0.100		82.3	70-130			
Xylene (p/m)	0.176	0.00200	"	0.200		88.2	70-130			
Xylene (o)	0.0838	0.00100	"	0.100		83.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.9	80-120			
Surrogate: 1,4-Difluorobenzene	0.123		"	0.120		102	80-120			
LCS Dup (P1C3107-BSD1)				Prepared: (	)3/31/21 Ai	nalyzed: 04	/02/21			
Benzene	0.0939	0.00100	mg/kg wet	0.100		93.9	70-130	2.35	20	
Toluene	0.0909	0.00100	"	0.100		90.9	70-130	3.33	20	
Ethylbenzene	0.0864	0.00100	"	0.100		86.4	70-130	4.81	20	
Xylene (p/m)	0.183	0.00200	"	0.200		91.4	70-130	3.48	20	
Xylene (o)	0.0873	0.00100	"	0.100		87.3	70-130	4.15	20	
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	80-120			
Surrogate: 4-Bromofluorobenzene	0.122		"	0.120		102	80-120			
Calibration Check (P1C3107-CCV1)				Prepared: (	03/31/21 Ar	nalyzed: 04	/02/21			
Benzene	0.0832	0.00100	mg/kg wet	0.100		83.2	80-120			
Toluene	0.0805	0.00100	"	0.100		80.5	80-120			
Ethylbenzene	0.0815	0.00100	"	0.100		81.5	80-120			
Xylene (p/m)	0.162	0.00200	"	0.200		81.0	80-120			
Xylene (o)	0.0803	0.00100	"	0.100		80.3	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		99.8	75-125			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	75-125			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
/ Maryte	Result	Linit	Olits	Level	Result	/ittee	Linits	NI D	Linit	10003
Batch P1C3107 - *** DEFAULT PREP ***										
Calibration Check (P1C3107-CCV2)				Prepared: (	03/31/21 Ar	nalyzed: 04	/02/21			
Benzene	0.0811	0.00100	mg/kg wet	0.100		81.1	80-120			
Toluene	0.0844	0.00100	"	0.100		84.4	80-120			
Ethylbenzene	0.0882	0.00100		0.100		88.2	80-120			
Xylene (p/m)	0.162	0.00200		0.200		81.1	80-120			
Xylene (o)	0.0861	0.00100		0.100		86.1	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.120		96.4	75-125			
Surrogate: 1,4-Difluorobenzene	0.125		"	0.120		104	75-125			
Calibration Check (P1C3107-CCV3)				Prepared: (	03/31/21 Ar	nalyzed: 04	/02/21			
Benzene	0.0814	0.00100	mg/kg wet	0.100		81.4	80-120			
Toluene	0.0848	0.00100	"	0.100		84.8	80-120			
Ethylbenzene	0.0944	0.00100	"	0.100		94.4	80-120			
Xylene (p/m)	0.169	0.00200	"	0.200		84.5	80-120			
Xylene (o)	0.0845	0.00100		0.100		84.5	80-120			
Surrogate: 4-Bromofluorobenzene	0.117		"	0.120		97.3	75-125			
Surrogate: 1,4-Difluorobenzene	0.126		"	0.120		105	75-125			
Matrix Spike (P1C3107-MS1)	Sou	rce: 1C22022	-31	Prepared: (	03/31/21 Ar	nalyzed: 04	/02/21			
Benzene	0.0551	0.00100	mg/kg dry	0.100	ND	55.1	80-120			QM-0'
Toluene	0.0657	0.00100	"	0.100	0.00136	64.4	80-120			QM-0
Ethylbenzene	0.0470	0.00100		0.100	0.00117	45.9	80-120			QM-0
Xylene (p/m)	0.0584	0.00200		0.200	0.00297	27.7	80-120			QM-0
Xylene (o)	0.0625	0.00100		0.100	0.00460	57.9	80-120			QM-0'
Surrogate: 1,4-Difluorobenzene	0.135		"	0.120		112	80-120			
Surrogate: 4-Bromofluorobenzene	0.129		"	0.120		107	80-120			
Matrix Spike Dup (P1C3107-MSD1)	Sou	rce: 1C22022	-31	Prepared: (	03/31/21 Ar	nalyzed: 04	/02/21			
Benzene	0.0557	0.00100	mg/kg dry	0.100	ND	55.7	80-120	1.03	20	QM-0'
Toluene	0.0673	0.00100	"	0.100	0.00136	65.9	80-120	2.43	20	QM-0'
Ethylbenzene	0.0435	0.00100	"	0.100	0.00117	42.4	80-120	7.95	20	QM-0'
Xylene (p/m)	0.0546	0.00200	"	0.200	0.00297	25.8	80-120	7.23	20	QM-0'
Xylene (o)	0.0625	0.00100	"	0.100	0.00460	57.9	80-120	0.0518	20	QM-0'
Surrogate: 1,4-Difluorobenzene	0.134		"	0.120		111	80-120			
Surrogate: 4-Bromofluorobenzene	0.120		"	0.120		100	80-120			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213	
13000 West County Road 100	Project Number:	13636		
Odessa TX, 79765	Project Manager:	Tim McMinn		

### General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian	Basin	Environmental	Lab,	L.P.
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C2306 - *** DEFAULT PREP ***										
Blank (P1C2306-BLK1)				Prepared &	Analyzed:	03/23/21				
% Moisture	ND	0.1	%							
Blank (P1C2306-BLK2)				Prepared &	Analyzed:	03/23/21				
% Moisture	ND	0.1	%							
Blank (P1C2306-BLK3)				Prepared 8	Analyzed:	03/23/21				
% Moisture	ND	0.1	%							
Blank (P1C2306-BLK4)				Prepared 8	Analyzed:	03/23/21				
% Moisture	ND	0.1	%							
Blank (P1C2306-BLK5)				Prepared &	Analyzed:	03/23/21				
% Moisture	ND	0.1	%							
Blank (P1C2306-BLK6)				Prepared &	Analyzed:	03/23/21				
% Moisture	ND	0.1	%							
Blank (P1C2306-BLK7)				Prepared 8	Analyzed:	03/23/21				
% Moisture	ND	0.1	%							
Blank (P1C2306-BLK8)				Prepared 8	Analyzed:	03/23/21				
% Moisture	ND	0.1	%							
Blank (P1C2306-BLK9)				Prepared &	Analyzed:	03/23/21				
% Moisture	ND	0.1	%	-						
Duplicate (P1C2306-DUP1)	Sou	rce: 1C22001-	10	Prepared &	Analyzed:	03/23/21				
% Moisture	6.0	0.1	%	-	6.0			0.00	20	

Permian Basin Environmental Lab, L.P.

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Odessa TX, 79765	Project Manager:	Tim McMinn		

### General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian	Basin	Environmental	Lab, L.P.
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C2306 - *** DEFAULT PREP ***										
Duplicate (P1C2306-DUP2)	Sou	rce: 1C22001-	20	Prepared &	Analyzed:	03/23/21				
% Moisture	12.0	0.1	%		12.0			0.00	20	
Duplicate (P1C2306-DUP3)	Sou	rce: 1C22002-	11	Prepared &	Analyzed:	03/23/21				
% Moisture	10.0	0.1	%		11.0			9.52	20	
Duplicate (P1C2306-DUP4)	Sou	rce: 1C22003-	10	Prepared &	Analyzed:	03/23/21				
% Moisture	14.0	0.1	%	*	14.0			0.00	20	
Duplicate (P1C2306-DUP5)	Sou	rce: 1C22004-	05	Prepared &	Analyzed:	03/23/21				
% Moisture	12.0	0.1	%		9.0			28.6	20	R2
Duplicate (P1C2306-DUP6)	Sou	rce: 1C22005-	03	Prepared &	Analyzed:	03/23/21				
% Moisture	1.0	0.1	%		2.0			66.7	20	R2
Duplicate (P1C2306-DUP7)	Sou	rce: 1C22007-	13	Prepared 8	Analyzed:	03/23/21				
% Moisture	13.0	0.1	%		11.0			16.7	20	
Duplicate (P1C2306-DUP8)	Sou	rce: 1C22009-	02	Prepared &	Analyzed:	03/23/21				
% Moisture	ND	0.1	%	*	ND				20	
Duplicate (P1C2306-DUP9)	Sou	rce: 1C22011-	01	Prepared &	Analyzed:	03/23/21				
% Moisture	5.0	0.1	%	1	5.0			0.00	20	
Duplicate (P1C2306-DUPA)	Source: 1C22016-06 Pre		Prepared &	z Analyzed:	03/23/21					
% Moisture	12.0	0.1	%	*	12.0			0.00	20	
Duplicate (P1C2306-DUPB)	Sou	rce: 1C22021-	08	Prepared &	z Analyzed:	03/23/21				
% Moisture	ND	0.1	%	·r	ND				20	

Permian Basin Environmental Lab, L.P.

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Odessa TX, 79765	Project Manager:	Tim McMinn		

### General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian	Basin	Environmental Lab, L.P.	
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		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C2306 - *** DEFAULT PREP ***										
Duplicate (P1C2306-DUPC)	Sou		18	Prepared &	Analyzed:	03/23/21				
% Moisture	ND	0.1	%		ND				20	
Duplicate (P1C2306-DUPD)	Sou	rce: 1C22021-	33	Prepared &	Analyzed:	03/23/21				
% Moisture	ND	0.1	%		ND				20	
Duplicate (P1C2306-DUPE)	Sou	rce: 1C22021-	43	Prepared &	Analyzed:	03/23/21				
% Moisture	ND	0.1	%	ND					20	
Duplicate (P1C2306-DUPF)	Sou	Source: 1C22021-58 Prepared		Prepared &	Analyzed:	03/23/21				
% Moisture	ND	0.1	%	ND				20		
Duplicate (P1C2306-DUPG)	Sou	ce: 1C22021-	68	Prepared &	Analyzed:	03/23/21				
% Moisture	1.0	0.1	%		2.0			66.7	20	R2
Batch P1C2404 - *** DEFAULT PREP ***										
Blank (P1C2404-BLK1)				Prepared &	Analyzed:	03/24/21				
% Moisture	ND	0.1	%							
Blank (P1C2404-BLK2)				Prepared &	Analyzed:	03/24/21				
% Moisture	ND	0.1	%	*	•					
Blank (P1C2404-BLK3)				Prepared &	Analyzed:	03/24/21				
% Moisture	ND	0.1	%							
Blank (P1C2404-BLK4)				Prepared &	Analyzed:	03/24/21				
% Moisture	ND	0.1	%							

Permian Basin Environmental Lab, L.P.
E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213	
13000 West County Road 100	Project Number:	13636		
Odessa TX, 79765	Project Manager:	Tim McMinn		

Permian	Basin	Environmental	Lab,	L.	P.
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C2404 - *** DEFAULT PREP ***										
Blank (P1C2404-BLK5)				Prepared &	Analyzed:	03/24/21				
% Moisture	ND	0.1	%							
Blank (P1C2404-BLK6)				Prepared &	Analyzed:	03/24/21				
% Moisture	ND	0.1	%							
Duplicate (P1C2404-DUP1)	Sou	rce: 1C22022-	13	Prepared &	Analyzed:	03/24/21				
% Moisture	ND	0.1	%		ND				20	
Duplicate (P1C2404-DUP2)	Sou	rce: 1C22022-	23	Prepared &	Analyzed:	03/24/21				
% Moisture	ND	0.1	%		ND				20	
Duplicate (P1C2404-DUP3)	Sou	rce: 1C22022-	38	Prepared &	Analyzed:	03/24/21				
% Moisture	ND	0.1	%		ND				20	
Duplicate (P1C2404-DUP4)	Sou	rce: 1C22022-	48	Prepared &	Analyzed:	03/24/21				
% Moisture	6.0	0.1	%		7.0			15.4	20	
Duplicate (P1C2404-DUP5)	Sou	rce: 1C23007-	01	Prepared &	Analyzed:	03/24/21				
% Moisture	11.0	0.1	%		11.0			0.00	20	
Duplicate (P1C2404-DUP6)	Sou	rce: 1C23008-	06	Prepared &	Analyzed:	03/24/21				
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P1C2404-DUP7)	Sou	rce: 1C23009-	13	Prepared &	Analyzed:	03/24/21				
% Moisture	5.0	0.1	%	*	4.0			22.2	20	ŀ
Duplicate (P1C2404-DUP8)	Sou	rce: 1C23010-	05	Prepared &	Analyzed:	03/24/21				
% Moisture	1.0	0.1	%	1	1.0			0.00	20	

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Odessa TX, 79765	Project Manager:	Tim McMinn		

Permian Basin Environmental Lab, L.P.	
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		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C2404 - *** DEFAULT PREP ***										
Duplicate (P1C2404-DUP9)	Sou	rce: 1C23011	-04	Prepared &	Analyzed:	03/24/21				
% Moisture	14.0	0.1	%		15.0			6.90	20	
Duplicate (P1C2404-DUPA)	Sou	rce: 1C23011	-14	Prepared &	Analyzed:	03/24/21				
% Moisture	11.0	0.1	%		11.0			0.00	20	
Duplicate (P1C2404-DUPB)	Sou	rce: 1C23012	-01	Prepared &	Analyzed:	03/24/21				
% Moisture	15.0	0.1	%		15.0			0.00	20	
Duplicate (P1C2404-DUPC)	Sou	rce: 1C23012	-11	Prepared &	Analyzed:	03/24/21				
% Moisture	22.0	0.1	%		22.0			0.00	20	
Batch P1C2620 - *** DEFAULT PREP ***										
Blank (P1C2620-BLK1)				Prepared: (	03/26/21 A	nalyzed: 03	/28/21			
Chloride	ND	1.00	mg/kg wet							
LCS (P1C2620-BS1)				Prepared: (	03/26/21 A	nalyzed: 03	/28/21			
Chloride	430	1.00	mg/kg wet	400		107	90-110			
LCS Dup (P1C2620-BSD1)				Prepared: (	)3/26/21 A	nalyzed: 03	/28/21			
Chloride	426	1.00	mg/kg wet	400		107	90-110	0.841	20	
Calibration Check (P1C2620-CCV1)				Prepared: (	)3/26/21 A	nalyzed: 03	/28/21			
Chloride	21.2		mg/kg	20.0		106	90-110			
				Dramaradi (	2/26/21 4	nalyzed: 03	120/21			
Calibration Check (P1C2620-CCV2)				Prepared. (	15/20/21 A	naivzeu. Uj	/20/21			

Permian Basin Environmental Lab, L.P.

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Odessa TX, 79765	Project Manager:	Tim McMinn		

Permian	Basin	Environmental Lab, L.P.
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RPD Limit Notes
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E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

Permian Basi	1 Environmental	Lab, L.P.
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		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C2903 - *** DEFAULT PREP ***										
Calibration Check (P1C2903-CCV2)				Prepared: (	)3/29/21 Ai	nalyzed: 03	/30/21			
Chloride	18.9		mg/kg	20.0		94.3	90-110			
Calibration Check (P1C2903-CCV3)				Prepared: (	03/29/21 A	nalyzed: 03	/30/21			
Chloride	19.3		mg/kg	20.0		96.5	90-110			
Matrix Spike (P1C2903-MS1)	Sou	rce: 1C26015	-01	Prepared &	Analyzed:	03/29/21				
Chloride	514	1.14	mg/kg dry	568	33.8	84.6	80-120			
Matrix Spike (P1C2903-MS2)	Sou	rce: 1C22021	-52	Prepared: (	03/29/21 A	nalyzed: 03	/30/21			
Chloride	543	1.00	mg/kg dry	500	2.81	108	80-120			
Matrix Spike Dup (P1C2903-MSD1)	Sou	rce: 1C26015	-01	Prepared &	Analyzed:	03/29/21				
Chloride	515	1.14	mg/kg dry	568	33.8	84.7	80-120	0.148	20	
Matrix Spike Dup (P1C2903-MSD2)	Sou	rce: 1C22021	-52	Prepared: 03/29/21 Analyzed: 03/30/21						
Chloride	510	1.00	mg/kg dry	500	2.81	101	80-120	6.22	20	
Batch P1C2904 - *** DEFAULT PREP ***										
Blank (P1C2904-BLK1)				Prepared &	Analyzed:	03/29/21				
Chloride	ND	1.00	mg/kg wet	*						
LCS (P1C2904-BS1)				Prepared &	Analyzed:	03/29/21				
Chloride	392	1.00	mg/kg wet	400		98.1	90-110			
LCS Dup (P1C2904-BSD1)				Prepared &	Analyzed:	03/29/21				
Chloride	393	1.00	mg/kg wet	400		98.2	90-110	0.0790	20	

Permian Basin Environmental Lab, L.P.

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Odessa TX, 79765	Project Manager:	Tim McMinn	

Permian Basin Environmental Lab,	L.P.
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch P1C2904 - *** DEFAULT PREP ***											
Calibration Check (P1C2904-CCV1)				Prepared &	k Analyzed:	03/29/21					
Chloride	19.1		mg/kg	20.0		95.5	90-110				
Calibration Check (P1C2904-CCV2)				Prepared &	k Analyzed:	03/29/21					
Chloride	19.2		mg/kg	20.0		96.1	90-110				
Calibration Check (P1C2904-CCV3)				Prepared &	k Analyzed:	03/29/21					
Chloride	19.5		mg/kg	20.0		97.4	90-110				
Matrix Spike (P1C2904-MS1)	Source: 1C22021-12 P		Prepared & Analyzed: 03/29/21								
Chloride	513	1.00	mg/kg dry	500	ND	103	80-120				
Matrix Spike (P1C2904-MS2)	Sou	rce: 1C22021	-22	Prepared &	analyzed:	03/29/21					
Chloride	491	1.00	mg/kg dry	500	8.84	96.4	80-120				
Matrix Spike Dup (P1C2904-MSD1)	Sou	rce: 1C22021	-12	Prepared & Analyzed: 03/29/21							
Chloride	453	1.00	mg/kg dry	500	ND	90.7	80-120	12.3	20		
Matrix Spike Dup (P1C2904-MSD2)	Sou	rce: 1C22021	-22	Prepared &	k Analyzed:	03/29/21					
Chloride	456	1.00	mg/kg dry	500	8.84	89.5	80-120	7.27	20		
Batch P1C2905 - *** DEFAULT PREP ***											
Blank (P1C2905-BLK1)				Prepared: (	Prepared: 03/29/21 Analyzed: 03/30/21						
Chloride	ND	1.00	mg/kg wet	-							
LCS (P1C2905-BS1)				Prepared: (	03/29/21 A	nalyzed: 03	/30/21				
Chloride	411	1.00	mg/kg wet	400		103	90-110				

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Odessa TX, 79765	Project Manager:	Tim McMinn	

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C2905 - *** DEFAULT PREP ***										
LCS Dup (P1C2905-BSD1)				Prepared:	03/29/21	Analyzed: 03	/30/21			
Chloride	399	1.00	mg/kg wet	400		99.7	90-110	2.97	20	
Calibration Check (P1C2905-CCV1)				Prepared:	03/29/21	Analyzed: 03	/30/21			
Chloride	19.3		mg/kg	20.0		96.5	90-110			
Calibration Check (P1C2905-CCV2)				Prepared:	03/29/21	Analyzed: 03	/30/21			
Chloride	19.3		mg/kg	20.0		96.7	90-110			
Calibration Check (P1C2905-CCV3)				Prepared:	03/29/21	Analyzed: 03	/30/21			
Chloride	18.9		mg/kg	20.0		94.4	90-110			
Matrix Spike (P1C2905-MS1)	Sou	rce: 1C22021	1-32	Prepared:	03/29/21	Analyzed: 03	/30/21			
Chloride	511	1.00	mg/kg dry	500	34.0	95.3	80-120			
Matrix Spike (P1C2905-MS2)	Sou	rce: 1C22021	1-42	Prepared:	03/29/21	Analyzed: 03	/30/21			
Chloride	472	1.00	mg/kg dry	500	8.06	92.8	80-120			
Matrix Spike Dup (P1C2905-MSD1)	Sou	rce: 1C22021	1-32	Prepared:	03/29/21	Analyzed: 03	/30/21			
Chloride	502	1.00	mg/kg dry	500	34.0	93.6	80-120	1.66	20	
Matrix Spike Dup (P1C2905-MSD2)	Sou	rce: 1C22021	1-42	Prepared:	03/29/21	Analyzed: 03	/30/21			
Chloride	481	1.00	mg/kg dry	500	8.06	94.6	80-120	1.83	20	
Batch P1C3002 - *** DEFAULT PREP ***										
Blank (P1C3002-BLK1)				Prepared &	& Analyzed	1: 03/30/21				
Chloride	ND	1.00	mg/kg wet	-	-					

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C3002 - *** DEFAULT PREP ***										
LCS (P1C3002-BS1)				Prepared &	k Analyzed:	: 03/30/21				
Chloride	393	1.00	mg/kg wet	400		98.2	90-110			
LCS Dup (P1C3002-BSD1)				Prepared &	k Analyzed:	: 03/30/21				
Chloride	394	1.00	mg/kg wet	400		98.4	90-110	0.160	20	
Calibration Check (P1C3002-CCV1)		Prepared & Analyzed: 03/30/21								
Chloride	19.0		mg/kg	20.0		94.9	90-110			
Calibration Check (P1C3002-CCV2)		Prepared: 03/30/21				nalyzed: 03	/31/21			
Chloride	19.0		mg/kg	20.0		95.2	90-110			
Calibration Check (P1C3002-CCV3)					03/30/21 A	nalyzed: 03	/31/21			
Chloride	19.5		mg/kg	20.0		97.3	90-110			
Matrix Spike (P1C3002-MS1)	Sou	rce: 1C22021	-60	Prepared & Analyzed: 03/30/21						
Chloride	458	1.00	mg/kg dry	500	11.2	89.3	80-120			
Matrix Spike (P1C3002-MS2)	Sou	rce: 1C22021	-70	Prepared:	03/30/21 A	nalyzed: 03	/31/21			
Chloride	741	1.01	mg/kg dry	505	289	89.5	80-120			
Matrix Spike Dup (P1C3002-MSD1)	Sou	rce: 1C22021	-60	Prepared &	k Analyzed:	: 03/30/21				
Chloride	477	1.00	mg/kg dry	500	11.2	93.2	80-120	4.12	20	
Matrix Spike Dup (P1C3002-MSD2)	Sou	rce: 1C22021	-70	Prepared:	03/30/21 A	nalyzed: 03	/31/21			
Chloride	736	1.01	mg/kg dry	505	289	88.5	80-120	0.719	20	
Batch P1C3003 - *** DEFAULT PREP ***										
Blank (P1C3003-BLK1)				Prepared:	03/30/21 A	nalyzed: 03	/31/21			
Chloride	ND	1.00	mg/kg wet							

Permian Basin Environmental Lab, L.P.

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Odessa TX, 79765	Project Manager:	Tim McMinn	

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result		%REC Limits	RPD	RPD Limit	Notes
Batch P1C3003 - *** DEFAULT PREP ***										
LCS (P1C3003-BS1)				Prepared:	03/30/21	Analyzed: 03	3/31/21			
Chloride	400	1.00	mg/kg wet	400		99.9	90-110			
LCS Dup (P1C3003-BSD1)				Prepared:	03/30/21	Analyzed: 03	3/31/21			
Chloride	399	1.00	mg/kg wet	400		99.8	90-110	0.0901	20	
Calibration Check (P1C3003-CCV1)	Pro		Prepared:	03/30/21	Analyzed: 03	3/31/21				
Chloride	19.5		mg/kg	20.0		97.3	90-110			
Calibration Check (P1C3003-CCV2)				Prepared:	03/30/21	Analyzed: 03	3/31/21			
Chloride	19.4		mg/kg	20.0		97.0	90-110			
Calibration Check (P1C3003-CCV3)	Pi		Prepared:	03/30/21	Analyzed: 03	3/31/21				
Chloride	19.2		mg/kg	20.0		95.9	90-110			
Matrix Spike (P1C3003-MS1)	Sou	rce: 1C22022	2-10	Prepared: 03/30/21 Analyzed: 03/31/21			3/31/21			
Chloride	457	1.00	mg/kg dry	500	ND	91.4	80-120			
Matrix Spike (P1C3003-MS2)	Sou	rce: 1C22022	2-20	Prepared:	03/30/21	Analyzed: 03	3/31/21			
Chloride	454	1.00	mg/kg dry	500	ND	90.8	80-120			
Matrix Spike Dup (P1C3003-MSD1)	Sou	rce: 1C22022	2-10	Prepared:	03/30/21	Analyzed: 03	3/31/21			
Chloride	478	1.00	mg/kg dry	500	ND	95.5	80-120	4.37	20	
Matrix Spike Dup (P1C3003-MSD2)	Sou	rce: 1C22022	2-20	Prepared:	03/30/21	Analyzed: 03	3/31/21			
Chloride	471	1.00	mg/kg dry	500	ND	94.2	80-120	3.69	20	
Batch P1C3004 - *** DEFAULT PREP ***										
Blank (P1C3004-BLK1)				Prepared & Analyzed: 03/30/21						
Chloride	ND	1.00	mg/kg wet	-						

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C3004 - *** DEFAULT PREP ***										
LCS (P1C3004-BS1)				Prepared &	2 Analyzed:	03/30/21				
Chloride	380	1.00	mg/kg wet	400		95.1	90-110			
LCS Dup (P1C3004-BSD1)		Pre		Prepared &	analyzed:	03/30/21				
Chloride	392	1.00	mg/kg wet	400		98.1	90-110	3.05	20	
Calibration Check (P1C3004-CCV1)				Prepared &	analyzed:	03/30/21				
Chloride	18.7		mg/kg	20.0		93.5	90-110			
Calibration Check (P1C3004-CCV2)	Prepared & Analyzed: 03/30/21									
Chloride	19.7		mg/kg	20.0		98.4	90-110			
Calibration Check (P1C3004-CCV3)	I		Prepared & Analyzed: 03/30/21							
Chloride	19.9		mg/kg	20.0		99.3	90-110			
Matrix Spike (P1C3004-MS1)	Sou	ce: 1C30004	-01	Prepared & Analyzed: 03/30/21						
Chloride	2220	5.26	mg/kg dry	526	1700	97.5	80-120			
Matrix Spike (P1C3004-MS2)	Sou	rce: 1C30004	l-11	Prepared &	analyzed:	03/30/21				
Chloride	6920	25.0	mg/kg dry	2500	4380	102	80-120			
Matrix Spike Dup (P1C3004-MSD1)	Sou	ce: 1C30004	-01	Prepared &	k Analyzed:	03/30/21				
Chloride	2180	5.26	mg/kg dry	526	1700	90.5	80-120	1.68	20	
Matrix Spike Dup (P1C3004-MSD2)	Sou	ce: 1C30004	-11	Prepared &	analyzed:	03/30/21				
Chloride	6940	25.0	mg/kg dry	2500	4380	102	80-120	0.256	20	
Batch P1C3103 - *** DEFAULT PREP ***										
Blank (P1C3103-BLK1)				Prepared &	analyzed:	03/31/21				
Chloride	ND	1.00	mg/kg wet							

Permian Basin Environmental Lab, L.P.

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13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

	D k	Reporting	TT '4	Spike	Source	MARC	%REC	DDD	RPD	NT (
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C3103 - *** DEFAULT PREP ***										
LCS (P1C3103-BS1)				Prepared &	Analyzed:	03/31/21				
Chloride	394	1.00	mg/kg wet	400		98.4	90-110			
LCS Dup (P1C3103-BSD1)				Prepared &	Analyzed:	03/31/21				
Chloride	390	1.00	mg/kg wet	400		97.4	90-110	0.950	20	
Calibration Check (P1C3103-CCV1)				Prepared &	Analyzed:	03/31/21				
Chloride	19.2		mg/kg	20.0		95.9	90-110			
Calibration Check (P1C3103-CCV2)				Prepared &	Analyzed:	03/31/21				
Chloride	19.4		mg/kg	20.0		97.0	90-110			
Calibration Check (P1C3103-CCV3)				Prepared &	Analyzed:	03/31/21				
Chloride	19.6		mg/kg	20.0		98.2	90-110			
Matrix Spike (P1C3103-MS1)	Sou	rce: 1C22022	2-36	Prepared & Analyzed: 03/31/21						
Chloride	442	1.00	mg/kg dry	500	ND	88.4	80-120			
Matrix Spike (P1C3103-MS2)	Sou	rce: 1C22022	2-46	Prepared &	Analyzed:	03/31/21				
Chloride	1170	1.22	mg/kg dry	610	678	81.3	80-120			
Matrix Spike Dup (P1C3103-MSD1)	Sou	rce: 1C22022	2-36	Prepared &	Analyzed:	03/31/21				
Chloride	460	1.00	mg/kg dry	500	ND	91.9	80-120	3.89	20	
Matrix Spike Dup (P1C3103-MSD2)	Sou	rce: 1C22022	2-46	Prepared &	Analyzed:	03/31/21				
Chloride	1210	1.22	mg/kg dry	610	678	87.5	80-120	3.18	20	

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C2408 - TX 1005										
Blank (P1C2408-BLK1)				Prepared: (	)3/24/21 At	nalyzed: 03	/25/21			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	89.0		"	100		89.0	70-130			
Surrogate: o-Terphenyl	45.5		"	50.0		91.0	70-130			
LCS (P1C2408-BS1)				Prepared: (	03/24/21 A	nalyzed: 03	/25/21			
C6-C12	983	25.0	mg/kg wet	1000		98.3	75-125			
>C12-C28	978	25.0	"	1000		97.8	75-125			
Surrogate: 1-Chlorooctane	97.8		"	100		97.8	70-130			
Surrogate: o-Terphenyl	49.1		"	50.0		98. <b>3</b>	70-130			
LCS Dup (P1C2408-BSD1)				Prepared: (	)3/24/21 Ai	nalyzed: 03	/25/21			
C6-C12	993	25.0	mg/kg wet	1000		99.3	75-125	1.02	20	
>C12-C28	969	25.0	"	1000		96.9	75-125	0.953	20	
Surrogate: 1-Chlorooctane	96.4		"	100		96.4	70-130			
Surrogate: o-Terphenyl	47.9		"	50.0		95.8	70-130			
Calibration Check (P1C2408-CCV1)				Prepared: (	)3/24/21 Ai	nalyzed: 03	/25/21			
C6-C12	479	25.0	mg/kg wet	500		95.9	85-115			
>C12-C28	526	25.0		500		105	85-115			
Surrogate: 1-Chlorooctane	110		"	100		110	70-130			
Surrogate: o-Terphenyl	47.8		"	50.0		95.5	70-130			
Calibration Check (P1C2408-CCV2)				Prepared: (	)3/24/21 Ai	nalyzed: 03	/26/21			
C6-C12	426	25.0	mg/kg wet	500		85.2	85-115			
>C12-C28	428	25.0	"	500		85.6	85-115			
Surrogate: 1-Chlorooctane	91.1		"	100		91.1	70-130			
Surrogate: o-Terphenyl	40.1		"	50.0		80.1	70-130			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

		Reporting		Spike	Source	0/F = =	%REC	p.r.=	RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C2408 - TX 1005										
Calibration Check (P1C2408-CCV3)				Prepared: (	03/24/21 A	nalyzed: 03	/26/21			
C6-C12	470	25.0	mg/kg wet	500		94.0	85-115			
>C12-C28	523	25.0	"	500		105	85-115			
Surrogate: 1-Chlorooctane	108		"	100		108	70-130			
Surrogate: o-Terphenyl	47.5		"	50.0		95.1	70-130			
Matrix Spike (P1C2408-MS1)	Sour	ce: 1C22021	1-06	Prepared: (	03/24/21 A	nalyzed: 03	/26/21			
C6-C12	895	25.0	mg/kg dry	1000	ND	89.5	75-125			
>C12-C28	925	25.0	"	1000	21.6	90.4	75-125			
Surrogate: 1-Chlorooctane	120		"	100		120	70-130			
Surrogate: o-Terphenyl	45.6		"	50.0		91.1	70-130			
Matrix Spike Dup (P1C2408-MSD1)	Sour	ce: 1C22021	1-06	Prepared: (	03/24/21 A	nalyzed: 03	/26/21			
C6-C12	936	25.0	mg/kg dry	1000	ND	93.6	75-125	4.46	20	
>C12-C28	952	25.0	"	1000	21.6	93.0	75-125	2.86	20	
Surrogate: 1-Chlorooctane	127		"	100		127	70-130			
Surrogate: o-Terphenyl	48.5		"	50.0		97.0	70-130			
Batch P1C2409 - TX 1005										
Blank (P1C2409-BLK1)				Prepared: (	03/24/21 A	nalyzed: 03	/26/21			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	87.1		"	100		87.1	70-130			
Surrogate: o-Terphenyl	45.7		"	50.0		91.4	70-130			
LCS (P1C2409-BS1)				Prepared: (	03/24/21 A	nalyzed: 03	/26/21			
C6-C12	777	25.0	mg/kg wet	1000		77.7	75-125			
>C12-C28	772	25.0	"	1000		77.2	75-125			
Surrogate: 1-Chlorooctane	121		"	100		121	70-130			
Surrogate: o-Terphenyl	47.8		"	50.0		95.6	70-130			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C2409 - TX 1005	resure		Cinto	Lover	itesuit	, viete	Linito	10.0	2	110105
LCS Dup (P1C2409-BSD1)				Prenared: (	3/24/21 4	nalyzed: 03	/26/21			
C6-C12	799	25.0	mg/kg wet	1000	))/24/21 A	79.9	75-125	2.73	20	
>C12-C28	803	25.0	"	1000		80.3	75-125	3.85	20	
Surrogate: 1-Chlorooctane	123		"	100		123	70-130			
Surrogate: o-Terphenyl	48.6		"	50.0		97.2	70-130			
Calibration Check (P1C2409-CCV1)				Prepared: (	)3/24/21 A	nalyzed: 03	/26/21			
C6-C12	469	25.0	mg/kg wet	500		93.7	85-115			
>C12-C28	470	25.0	"	500		94.0	85-115			
Surrogate: 1-Chlorooctane	98.2		"	100		98.2	70-130			
Surrogate: o-Terphenyl	44.0		"	50.0		87.9	70-130			
Calibration Check (P1C2409-CCV2)				Prepared: (	)3/24/21 A	nalyzed: 03	/26/21			
C6-C12	436	25.0	mg/kg wet	500		87.2	85-115			
>C12-C28	449	25.0	"	500		89.7	85-115			
Surrogate: 1-Chlorooctane	105		"	100		105	70-130			
Surrogate: o-Terphenyl	47.6		"	50.0		95.2	70-130			
Calibration Check (P1C2409-CCV3)				Prepared: (	)3/24/21 A	nalyzed: 03	/26/21			
C6-C12	435	25.0	mg/kg wet	500		86.9	85-115			
>C12-C28	452	25.0	"	500		90.4	85-115			
Surrogate: 1-Chlorooctane	99.4		"	100		99.4	70-130			
Surrogate: o-Terphenyl	44.6		"	50.0		89.2	70-130			
Matrix Spike (P1C2409-MS1)	Sou	rce: 1C22021	1-26	Prepared: (	)3/24/21 A	nalyzed: 03	/26/21			
C6-C12	795	25.0	mg/kg dry	1000	14.4	78.1	75-125			
>C12-C28	1200	25.0	"	1000	619	57.9	75-125			
Surrogate: 1-Chlorooctane	119		"	100		119	70-130			
Surrogate: o-Terphenyl	47.9		"	50.0		95.8	70-130			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

	Perm	ian Basin	Enviror	mental	Lab, L.P	•				
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C2409 - TX 1005										
Matrix Spike Dup (P1C2409-MSD1)	Sou	rce: 1C22021	1-26	Prepared: (	03/24/21 A	nalyzed: 03	/26/21			
C6-C12	775	25.0	mg/kg dry	1000	14.4	76.1	75-125	2.65	20	
>C12-C28	1220	25.0	"	1000	619	59.7	75-125	3.02	20	
Surrogate: 1-Chlorooctane	116		"	100		116	70-130			
Surrogate: o-Terphenyl	46.3		"	50.0		92.6	70-130			
Batch P1C2412 - TX 1005										
Blank (P1C2412-BLK1)				Prepared: (	03/24/21 A	nalyzed: 03	/26/21			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	85.8		"	100		85.8	70-130			
Surrogate: o-Terphenyl	45.4		"	50.0		90.8	70-130			
LCS (P1C2412-BS1)				Prepared: (	03/24/21 A	nalyzed: 03	/26/21			
C6-C12	789	25.0	mg/kg wet	1000		78.9	75-125			
>C12-C28	792	25.0	"	1000		79.2	75-125			
Surrogate: 1-Chlorooctane	116		"	100		116	70-130			
Surrogate: o-Terphenyl	44.7		"	50.0		89.3	70-130			
LCS Dup (P1C2412-BSD1)				Prepared: (	03/24/21 A	nalyzed: 03	/26/21			
C6-C12	786	25.0	mg/kg wet	1000		78.6	75-125	0.392	20	
>C12-C28	786	25.0	"	1000		78.6	75-125	0.670	20	
Surrogate: 1-Chlorooctane	121		"	100		121	70-130			
Surrogate: o-Terphenyl	48.9		"	50.0		97.9	70-130			
Calibration Check (P1C2412-CCV1)				Prepared: (	03/24/21 A	nalyzed: 03	/26/21			
C6-C12	450	25.0	mg/kg wet	500		90.1	85-115			
>C12-C28	477	25.0	"	500		95.5	85-115			
Surrogate: 1-Chlorooctane	99.4		"	100		99.4	70-130			
Surrogate: o-Terphenyl	44.8		"	50.0		89.6	70-130			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1C2412 - TX 1005						,				
Calibration Check (P1C2412-CCV2)				Prepared: (	03/24/21 A	nalyzed: 03	/26/21			
C6-C12	426	25.0	mg/kg wet	500		85.2	85-115			
>C12-C28	427	25.0	"	500		85.3	85-115			
Surrogate: 1-Chlorooctane	99.7		"	100		<i>99.7</i>	70-130			
Surrogate: o-Terphenyl	45.1		"	50.0		90.3	70-130			
Matrix Spike (P1C2412-MS1)	Sou	rce: 1C22021	1-46	Prepared: (	03/24/21 A	nalyzed: 03	/27/21			
C6-C12	795	25.0	mg/kg dry	1000	119	67.6	75-125			
>C12-C28	905	25.0	"	1000	896	0.984	75-125			
Surrogate: 1-Chlorooctane	117		"	100		117	70-130			
Surrogate: o-Terphenyl	35.3		"	50.0		70.5	70-130			
Matrix Spike Dup (P1C2412-MSD1)	Sou	rce: 1C22021	1-46	Prepared: (	03/24/21 A	nalyzed: 03	/27/21			
C6-C12	816	25.0	mg/kg dry	1000	119	69.7	75-125	3.06	20	
>C12-C28	923	25.0	"	1000	896	2.78	75-125	95.5	20	
Surrogate: 1-Chlorooctane	118		"	100		118	70-130			
Surrogate: o-Terphenyl	35.8		"	50.0		71.5	70-130			
Batch P1C2506 - TX 1005										
Blank (P1C2506-BLK1)				Prepared: (	03/25/21 A	nalyzed: 03	/27/21			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	81.9		"	100		81.9	70-130			
Surrogate: o-Terphenyl	43.4		"	50.0		86.7	70-130			
LCS (P1C2506-BS1)				Prepared: (	03/25/21 A	nalyzed: 03	/27/21			
C6-C12	764	25.0	mg/kg wet	1000		76.4	75-125			
>C12-C28	762	25.0	"	1000		76.2	75-125			
Surrogate: 1-Chlorooctane	117		"	100		117	70-130			
Surrogate: o-Terphenyl	47.1		"	50.0		94.1	70-130			

Permian Basin Environmental Lab, L.P.

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Odessa TX, 79765	Project Manager:	Tim McMinn	

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C2506 - TX 1005										
LCS Dup (P1C2506-BSD1)				Prepared: (	03/25/21 A	nalyzed: 03	/27/21			
C6-C12	774	25.0	mg/kg wet	1000		77.4	75-125	1.29	20	
>C12-C28	783	25.0	"	1000		78.3	75-125	2.71	20	
Surrogate: 1-Chlorooctane	124		"	100		124	70-130			
Surrogate: o-Terphenyl	47.5		"	50.0		95.0	70-130			
Calibration Check (P1C2506-CCV1)				Prepared: (	03/25/21 A	nalyzed: 03	/27/21			
C6-C12	445	25.0	mg/kg wet	500		89.1	85-115			
>C12-C28	437	25.0	"	500		87.3	85-115			
Surrogate: 1-Chlorooctane	94.8		"	100		94.8	70-130			
Surrogate: o-Terphenyl	43.3		"	50.0		86.6	70-130			
Calibration Check (P1C2506-CCV2)				Prepared: (	03/25/21 A	nalyzed: 03	/27/21			
C6-C12	440	25.0	mg/kg wet	500		87.9	85-115			
>C12-C28	430	25.0	"	500		86.0	85-115			
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	46.3		"	50.0		92.5	70-130			
Calibration Check (P1C2506-CCV3)				Prepared: (	03/25/21 A	nalyzed: 03	/27/21			
C6-C12	434	25.0	mg/kg wet	500		86.8	85-115			
>C12-C28	449	25.0	"	500		89.8	85-115			
Surrogate: 1-Chlorooctane	104		"	100		104	70-130			
Surrogate: o-Terphenyl	46.9		"	50.0		93.8	70-130			
Matrix Spike (P1C2506-MS1)	Sou	rce: 1C22021	1-66	Prepared: (	03/25/21 A	nalyzed: 03	/27/21			
C6-C12	757	25.0	mg/kg dry	1000	9.80	74.7	75-125			QM-
>C12-C28	773	25.0	"	1000	ND	77.3	75-125			
Surrogate: 1-Chlorooctane	120		"	100		120	70-130			
Surrogate: o-Terphenyl	45.8		"	50.0		91.5	70-130			

Permian Basin Environmental Lab, L.P.

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Odessa TX, 79765	Project Manager:	Tim McMinn	

	Perm	ian Basin	Enviror	nmental ]	Lab, L.P	•				
	D k	Reporting	TT :	Spike	Source	MAEG	%REC	DDD	RPD	N. (
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C2506 - TX 1005										
Matrix Spike Dup (P1C2506-MSD1)	Sour	rce: 1C22021	-66	Prepared: (	)3/25/21 Ai	nalyzed: 03	3/27/21			
C6-C12	788	25.0	mg/kg dry	1000	9.80	77.9	75-125	4.12	20	
>C12-C28	805	25.0	"	1000	ND	80.5	75-125	3.99	20	
Surrogate: 1-Chlorooctane	125		"	100		125	70-130			
Surrogate: o-Terphenyl	46.3		"	50.0		92.6	70-130			
Batch P1C2507 - TX 1005										
Blank (P1C2507-BLK1)				Prepared: (	)3/25/21 A	nalyzed: 03	8/27/21			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	76.4		"	100		76.4	70-130			
Surrogate: o-Terphenyl	40.5		"	50.0		81.0	70-130			
LCS (P1C2507-BS1)				Prepared: (	)3/25/21 Ai	nalyzed: 03	3/27/21			
C6-C12	814	25.0	mg/kg wet	1000		81.4	75-125			
>C12-C28	832	25.0	"	1000		83.2	75-125			
Surrogate: 1-Chlorooctane	105		"	100		105	70-130			
Surrogate: o-Terphenyl	43.8		"	50.0		87.6	70-130			
LCS Dup (P1C2507-BSD1)				Prepared: (	)3/25/21 A	nalyzed: 03	3/27/21			
C6-C12	762	25.0	mg/kg wet	1000		76.2	75-125	6.56	20	
>C12-C28	763	25.0	"	1000		76.3	75-125	8.68	20	
Surrogate: 1-Chlorooctane	100		"	100		100	70-130			
Surrogate: o-Terphenyl	43.6		"	50.0		87.2	70-130			
Calibration Check (P1C2507-CCV1)				Prepared: (	)3/25/21 Ai	nalyzed: 03	8/27/21			
C6-C12	437	25.0	mg/kg wet	500		87.5	85-115			
>C12-C28	445	25.0	"	500		89.1	85-115			
Surrogate: 1-Chlorooctane	96.3		"	100		96.3	70-130			
Surrogate: o-Terphenyl	42.3		"	50.0		84.6	70-130			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

A 1.		Reporting	TT '4	Spike	Source	A/DEC	%REC	DDD	RPD	<b>N</b> (
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C2507 - TX 1005										
Calibration Check (P1C2507-CCV2)				Prepared: (	03/25/21 A	nalyzed: 03	/27/21			
C6-C12	460	25.0	mg/kg wet	500		92.0	85-115			
>C12-C28	513	25.0	"	500		103	85-115			
Surrogate: 1-Chlorooctane	107		"	100		107	70-130			
Surrogate: o-Terphenyl	46.9		"	50.0		93.8	70-130			
Matrix Spike (P1C2507-MS1)	Sour	ce: 1C22022	2-16	Prepared: (	03/25/21 A	nalyzed: 03	/27/21			
C6-C12	1020	25.0	mg/kg dry	1000	10.1	101	75-125			
>C12-C28	1040	25.0	"	1000	12.2	103	75-125			
Surrogate: 1-Chlorooctane	128		"	100		128	70-130			
Surrogate: o-Terphenyl	54.4		"	50.0		109	70-130			
Matrix Spike Dup (P1C2507-MSD1)	Sour	ce: 1C22022	2-16	Prepared: (	03/25/21 A	nalyzed: 03	/27/21			
C6-C12	915	25.0	mg/kg dry	1000	10.1	90.4	75-125	10.7	20	
>C12-C28	951	25.0	"	1000	12.2	93.9	75-125	9.43	20	
Surrogate: 1-Chlorooctane	127		"	100		127	70-130			
Surrogate: o-Terphenyl	51.1		"	50.0		102	70-130			
Batch P1C2508 - TX 1005										
Blank (P1C2508-BLK1)				Prepared: (	03/25/21 A	nalyzed: 03	/27/21			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	88.1		"	100		88.1	70-130			
Surrogate: o-Terphenyl	46.0		"	50.0		91.9	70-130			
LCS (P1C2508-BS1)				Prepared: (	03/25/21 A	nalyzed: 03	/27/21			
C6-C12	935	25.0	mg/kg wet	1000		93.5	75-125			
>C12-C28	914	25.0	"	1000		91.4	75-125			
Surrogate: 1-Chlorooctane	91.0		"	100		91.0	70-130			
Surrogate: o-Terphenyl	50.6		"	50.0		101	70-130			

Permian Basin Environmental Lab, L.P.

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13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
-	result	Emin	Onto	Level	result	/ WEEC	Linits	IG D	Linit	110203
Batch P1C2508 - TX 1005										
LCS Dup (P1C2508-BSD1)				Prepared: (	03/25/21 A	nalyzed: 03	/27/21			
C6-C12	984	25.0	mg/kg wet	1000		98.4	75-125	5.04	20	
>C12-C28	998	25.0	"	1000		99.8	75-125	8.77	20	
Surrogate: 1-Chlorooctane	126		"	100		126	70-130			
Surrogate: o-Terphenyl	53.6		"	50.0		107	70-130			
Calibration Check (P1C2508-CCV1)				Prepared: (	03/25/21 A	nalyzed: 03	/27/21			
C6-C12	450	25.0	mg/kg wet	500		90.0	85-115			
>C12-C28	491	25.0	"	500		98.3	85-115			
Surrogate: 1-Chlorooctane	104		"	100		104	70-130			
Surrogate: o-Terphenyl	45.2		"	50.0		90.3	70-130			
Calibration Check (P1C2508-CCV2)				Prepared: (	03/25/21 A	nalyzed: 03	/27/21			
C6-C12	442	25.0	mg/kg wet	500		88.4	85-115			
>C12-C28	489	25.0	"	500		97.8	85-115			
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	45.3		"	50.0		90.6	70-130			
Matrix Spike (P1C2508-MS1)	Sou	rce: 1C22022	2-36	Prepared: (	03/25/21 A	nalyzed: 03	/28/21			
C6-C12	776	25.0	mg/kg dry	1000	ND	77.6	75-125			
>C12-C28	811	25.0	"	1000	10.7	80.0	75-125			
Surrogate: 1-Chlorooctane	112		"	100		112	70-130			
Surrogate: o-Terphenyl	43.4		"	50.0		86.9	70-130			
Matrix Spike Dup (P1C2508-MSD1)	Sou	rce: 1C22022	2-36	Prepared: (	03/25/21 A	nalyzed: 03	/28/21			
C6-C12	830	25.0	mg/kg dry	1000	ND	83.0	75-125	6.78	20	
>C12-C28	844	25.0	"	1000	10.7	83.3	75-125	4.10	20	
Surrogate: 1-Chlorooctane	111		"	100		111	70-130			
Surrogate: o-Terphenyl	43.3		"	50.0		86.7	70-130			

Permian Basin Environmental Lab, L.P.

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13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C2513 - TX 1005										
Blank (P1C2513-BLK1)				Prepared: (	)3/25/21 Ai	nalyzed: 03	/28/21			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	78.6		"	100		78.6	70-130			
Surrogate: o-Terphenyl	41.9		"	50.0		83.9	70-130			
LCS (P1C2513-BS1)				Prepared: (	03/25/21 A	nalyzed: 03	/28/21			
C6-C12	821	25.0	mg/kg wet	1000		82.1	75-125			
>C12-C28	847	25.0	"	1000		84.7	75-125			
Surrogate: 1-Chlorooctane	116		"	100		116	70-130			
Surrogate: o-Terphenyl	43.0		"	50.0		86.0	70-130			
LCS Dup (P1C2513-BSD1)				Prepared: (	)3/25/21 Ai	nalyzed: 03	/28/21			
C6-C12	835	25.0	mg/kg wet	1000		83.5	75-125	1.59	20	
>C12-C28	866	25.0	"	1000		86.6	75-125	2.23	20	
Surrogate: 1-Chlorooctane	122		"	100		122	70-130			
Surrogate: o-Terphenyl	46.7		"	50.0		93.4	70-130			
Calibration Check (P1C2513-CCV1)				Prepared: (	)3/25/21 Ai	nalyzed: 03	/28/21			
C6-C12	430	25.0	mg/kg wet	500		86.0	85-115			
>C12-C28	439	25.0	"	500		87.8	85-115			
Surrogate: 1-Chlorooctane	89.7		"	100		89.7	70-130			
Surrogate: o-Terphenyl	40.8		"	50.0		81.7	70-130			
Calibration Check (P1C2513-CCV2)				Prepared: (	)3/25/21 Ai	nalyzed: 03	/28/21			
C6-C12	459	25.0	mg/kg wet	500		91.8	85-115			
>C12-C28	502	25.0	"	500		100	85-115			
Surrogate: 1-Chlorooctane	104		"	100		104	70-130			
Surrogate: o-Terphenyl	46.8		"	50.0		93.6	70-130			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213	
13000 West County Road 100	Project Number:	13636		
Odessa TX, 79765	Project Manager:	Tim McMinn		

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		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1C2513 - TX 1005										
Matrix Spike (P1C2513-MS1)	Sourc	e: 1C22022	2-48	Prepared: (	)3/25/21 A	nalyzed: 03	/28/21			
C6-C12	1010	26.3	mg/kg dry	1050	10.1	95.2	75-125			
>C12-C28	1240	26.3	"	1050	330	86.3	75-125			
Surrogate: 1-Chlorooctane	96.2		"	105		91.4	70-130			
Surrogate: o-Terphenyl	55.9		"	52.6		106	70-130			
Matrix Spike Dup (P1C2513-MSD1)	Sourc	e: 1C22022	2-48	Prepared: (	)3/25/21 A	nalyzed: 03	/28/21			
C6-C12	1040	26.3	mg/kg dry	1050	10.1	98.1	75-125	3.01	20	
>C12-C28	1210	26.3	"	1050	330	83.2	75-125	3.71	20	
Surrogate: 1-Chlorooctane	96.6		"	105		91.7	70-130			
Surrogate: o-Terphenyl	56.5		"	52.6		107	70-130			

Permian Basin Environmental Lab, L.P.

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13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

#### **Notes and Definitions**

Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
Received on Ice
The RPD exceeded the acceptance limit due to sample matrix effects.
The RPD exceeded the acceptance limit.
The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.
Samples received in Bulk soil containers
Analyte DETECTED
Analyte NOT DETECTED at or above the reporting limit
Not Reported
Sample results reported on a dry weight basis
Relative Percent Difference
Laboratory Control Spike
Matrix Spike
Duplicate

Bun Barron

Report Approved By:

Date:

4/7/2021

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

Permian Basin Environmental Lab, L.P.

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



# Analytical Report

## **Prepared for:**

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

> Project: Crazy Wolf 1H Flare Project Number: 13636 Location: Lea County, NM

Lab Order Number: 1D28012



**Current Certification** 

Report Date: 05/03/21
E Tech Environmental & Safety Solutions, Inc. [1]
13000 West County Road 100
Odessa TX, 79765

Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn Fax: (432) 563-2213

#### ANALYTICAL REPORT FOR SAMPLES

Laboratory ID	Matrix	Date Sampled	Date Received
1D28012-01	Soil	04/27/21 08:00	04-28-2021 13:45
1D28012-02	Soil	04/27/21 08:03	04-28-2021 13:45
1D28012-03	Soil	04/27/21 08:06	04-28-2021 13:45
1D28012-04	Soil	04/27/21 08:09	04-28-2021 13:45
1D28012-05	Soil	04/27/21 08:12	04-28-2021 13:45
1D28012-06	Soil	04/27/21 08:15	04-28-2021 13:45
1D28012-07	Soil	04/27/21 08:18	04-28-2021 13:45
1D28012-08	Soil	04/27/21 08:21	04-28-2021 13:45
1D28012-09	Soil	04/27/21 08:24	04-28-2021 13:45
1D28012-10	Soil	04/27/21 08:27	04-28-2021 13:45
1D28012-11	Soil	04/27/21 08:30	04-28-2021 13:45
1D28012-12	Soil	04/27/21 08:33	04-28-2021 13:45
1D28012-13	Soil	04/27/21 08:36	04-28-2021 13:45
1D28012-14	Soil	04/27/21 08:39	04-28-2021 13:45
1D28012-15	Soil	04/27/21 08:42	04-28-2021 13:45
1D28012-16	Soil	04/27/21 08:45	04-28-2021 13:45
1D28012-17	Soil	04/27/21 08:48	04-28-2021 13:45
1D28012-18	Soil	04/27/21 08:51	04-28-2021 13:45
1D28012-19	Soil	04/27/21 08:54	04-28-2021 13:45
	1D28012-01 1D28012-02 1D28012-03 1D28012-04 1D28012-05 1D28012-06 1D28012-07 1D28012-08 1D28012-09 1D28012-10 1D28012-10 1D28012-11 1D28012-13 1D28012-14 1D28012-15 1D28012-16 1D28012-17 1D28012-18	1D28012-01 Soil   1D28012-02 Soil   1D28012-03 Soil   1D28012-04 Soil   1D28012-05 Soil   1D28012-06 Soil   1D28012-07 Soil   1D28012-08 Soil   1D28012-09 Soil   1D28012-10 Soil   1D28012-11 Soil   1D28012-12 Soil   1D28012-13 Soil   1D28012-14 Soil   1D28012-15 Soil   1D28012-16 Soil   1D28012-17 Soil   1D28012-18 Soil	1D28012-01 Soil 04/27/21 08:00   1D28012-02 Soil 04/27/21 08:03   1D28012-03 Soil 04/27/21 08:03   1D28012-04 Soil 04/27/21 08:09   1D28012-05 Soil 04/27/21 08:12   1D28012-06 Soil 04/27/21 08:15   1D28012-06 Soil 04/27/21 08:15   1D28012-07 Soil 04/27/21 08:15   1D28012-08 Soil 04/27/21 08:21   1D28012-09 Soil 04/27/21 08:21   1D28012-10 Soil 04/27/21 08:24   1D28012-10 Soil 04/27/21 08:27   1D28012-10 Soil 04/27/21 08:33   1D28012-11 Soil 04/27/21 08:33   1D28012-12 Soil 04/27/21 08:33   1D28012-13 Soil 04/27/21 08:33   1D28012-14 Soil 04/27/21 08:42   1D28012-15 Soil 04/27/21 08:45   1D28012-16 Soil 04/27/21 08:45   1D28012-17 Soil 04/27/21 08:45   1D28012-18 Soil 04/27/21 08:51

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213	
13000 West County Road 100	Project Number:	13636		
Odessa TX, 79765	Project Manager:	Tim McMinn		

#### Bottom Hole 5A @ 72''

1D28012-01 (Soil)

Analyte	Lim Result	nit Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
						•			
		Р	ermian B	asin Envi	ronmental I	Lab, L.P.			
General Chemistry Parameters by l	EPA / Stand	lard Met	hods						
% Moisture	1.0	0.1	%	1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	A Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 19:02	TPH 8015M	
>C12-C28	38.1	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 19:02	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 19:02	TPH 8015M	
Surrogate: 1-Chlorooctane		102 %	70-130		P1D2904	04/29/21 13:45	04/30/21 19:02	TPH 8015M	
Surrogate: o-Terphenyl		104 %	70-130		P1D2904	04/29/21 13:45	04/30/21 19:02	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	38.1	25.3	mg/kg dry	1	[CALC]	04/29/21 13:45	04/30/21 19:02	calc	
0-035									

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		-	t Number:	Crazy Wolf 1 13636 Tim McMinr			Fax: (432) 56	3-2213
			Bot	ttom Hol 1D28012-	e 6A @ 72' -02 (Soil)	'			
				1D20012	-02 (3011)				
Analyte	Limit Result	t Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by	EPA / Standa			asin Envi	ronmental I	.ab, L.P.			
% Moisture	2.0	0.1	%	1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
<b>Fotal Petroleum Hydrocarbons C6</b>	-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 19:24	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 19:24	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 19:24	TPH 8015M	
Surrogate: 1-Chlorooctane	9	6.4 %	70-130		P1D2904	04/29/21 13:45	04/30/21 19:24	TPH 8015M	
Surrogate: o-Terphenyl		100 %	70-130		P1D2904	04/29/21 13:45	04/30/21 19:24	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	04/29/21 13:45	04/30/21 19:24	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	3-2213
			Bot	ttom Hol 1D28012-	e 7A @ 72' 03 (Soil)	,			
				1D20012	-05 (3011)				
Analyte	Limit Result	Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by	EDA / Standa			asin Envi	ronmental I	ab, L.P.			
% Moisture	<u>EFA / Stanua</u> 1.0	0.1	%	1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 19:46	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 19:46	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 19:46	TPH 8015M	
Surrogate: 1-Chlorooctane	9	8.0 %	70-130		P1D2904	04/29/21 13:45	04/30/21 19:46	TPH 8015M	
Surrogate: o-Terphenyl	9	9.5 %	70-130		P1D2904	04/29/21 13:45	04/30/21 19:46	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/29/21 13:45	04/30/21 19:46	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	3-2213
			Bot		e 8A @ 72' -04 (Soil)	'			
				1D26012	-04 (3011)				
Analyte	Limit Result	t Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<u>General Chemistry Parameters by</u> % Moisture	<u>EPA / Standa</u> 1.0			asin Envi	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
Total Petroleum Hydrocarbons C6			8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 20:09	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 20:09	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 20:09	TPH 8015M	
Surrogate: 1-Chlorooctane	9	5.8 %	70-130		P1D2904	04/29/21 13:45	04/30/21 20:09	TPH 8015M	
Surrogate: o-Terphenyl	9	9.2 %	70-130		P1D2904	04/29/21 13:45	04/30/21 20:09	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/29/21 13:45	04/30/21 20:09	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]			t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	3-2213
			Bot		le 9A @ 72'	,			
				TD28012	-05 (Soil)				
Analyte	Limit Result	Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<u>General Chemistry Parameters by</u> % Moisture	<u>EPA / Standa</u> 2.0			1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	l 8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 20:32	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 20:32	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 20:32	TPH 8015M	
Surrogate: 1-Chlorooctane	9	2.3 %	70-130		P1D2904	04/29/21 13:45	04/30/21 20:32	TPH 8015M	
Surrogate: o-Terphenyl	9	5.4 %	70-130		P1D2904	04/29/21 13:45	04/30/21 20:32	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	04/29/21 13:45	04/30/21 20:32	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		-	t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	3-2213
			Bot		e 10A @ 72 -06 (Soil)	"			
	Limit	Repo	rting		. ,				
Analyte	Result	Керо	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by % Moisture Total Petroleum Hydrocarbons C6	ND	0.1	%	1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
C6-C12	ND	25.0	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 20:55	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 20:55	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 20:55	TPH 8015M	
Surrogate: 1-Chlorooctane	8	9.6 %	70-130		P1D2904	04/29/21 13:45	04/30/21 20:55	TPH 8015M	
Surrogate: o-Terphenyl	8	7.8 %	70-130		P1D2904	04/29/21 13:45	04/30/21 20:55	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/29/21 13:45	04/30/21 20:55	calc	

E Tech Environmental & Safety Solutio 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	3-2213
			San	•	at 2 7A @ 6	,,			
				1D28012-	-07 (Soil)				
Analyte	Limit Result	t Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental L	ab. L.P.			
General Chemistry Parameters by l	EPA / Standa					,			
% Moisture	3.0	0.1	%	1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
<b>Total Petroleum Hydrocarbons C6-</b>	C <b>35 by EPA</b>	Method	I 8015M						
C6-C12	ND	25.8	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 21:18	TPH 8015M	
>C12-C28	623	25.8	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 21:18	TPH 8015M	
>C28-C35	116	25.8	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 21:18	TPH 8015M	
Surrogate: 1-Chlorooctane	8	7.1 %	70-130		P1D2904	04/29/21 13:45	04/30/21 21:18	TPH 8015M	
Surrogate: o-Terphenyl	9	1.1 %	70-130		P1D2904	04/29/21 13:45	04/30/21 21:18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	739	25.8	mg/kg dry	1	[CALC]	04/29/21 13:45	04/30/21 21:18	calc	

E Tech Environmental & Safety Solutio 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]		-	t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	3-2213
			5	ple Poin	t 2 4A @ 6				
				1D28012-	-08 (Soil)				
Analyte	Limit Result	t Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
						•			
		Р	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by I	EPA / Standa	ard Met	hods						
% Moisture	1.0	0.1	%	1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
<b>Fotal Petroleum Hydrocarbons C6-</b>	C35 by EPA	Method	I 8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 21:42	TPH 8015M	
>C12-C28	126	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 21:42	TPH 8015M	
>C28-C35	31.9	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 21:42	TPH 8015M	
Surrogate: 1-Chlorooctane	8	1.7 %	70-130		P1D2904	04/29/21 13:45	04/30/21 21:42	TPH 8015M	
Surrogate: o-Terphenyl	8	3.1 %	70-130		P1D2904	04/29/21 13:45	04/30/21 21:42	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	158	25.3	mg/kg dry	1	[CALC]	04/29/21 13:45	04/30/21 21:42	calc	

E Tech Environmental & Safety Solutio 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	3-2213
			Nortl		all 2A@3	6''			
				1D28012	-09 (Soil)				
	Limit	Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by 2 % Moisture	ND	0.1	%	1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 22:54	TPH 8015M	
>C12-C28	36.7	25.0	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 22:54	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 22:54	TPH 8015M	
Surrogate: 1-Chlorooctane	8	2.8 %	70-130		P1D2904	04/29/21 13:45	04/30/21 22:54	TPH 8015M	
Surrogate: o-Terphenyl	7	9.6 %	70-130		P1D2904	04/29/21 13:45	04/30/21 22:54	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	36.7	25.0	mg/kg dry	1	[CALC]	04/29/21 13:45	04/30/21 22:54	calc	

E Tech Environmental & Safety Solutio 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]		2	t Number:	Crazy Wolf 1 13636 Tim McMinr			Fax: (432) 56	3-2213
			Wes		all 4A @ 72	2''			
				1D28012	-10 (Soil)				
	Limit	Repo	rting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by % Moisture Total Petroleum Hydrocarbons C6-	ND	0.1	%	1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
C6-C12	ND	25.0	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 23:17	TPH 8015M	
>C12-C28	53.9	25.0	mg/kg dry		P1D2904	04/29/21 13:45	04/30/21 23:17	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 23:17	TPH 8015M	
Surrogate: 1-Chlorooctane	8	0.4 %	70-130		P1D2904	04/29/21 13:45	04/30/21 23:17	TPH 8015M	
Surrogate: o-Terphenyl	8	2.8 %	70-130		P1D2904	04/29/21 13:45	04/30/21 23:17	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	53.9	25.0	mg/kg dry	1	[CALC]	04/29/21 13:45	04/30/21 23:17	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		-	t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	3-2213
			Wes		all 5A @ 72 -11 (Soil)	2			
				1D26012	-11 (3011)				
Analyte	Limit Result	Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				asin Envi	ronmental L	ab, L.P.			
<u>General Chemistry Parameters by</u> % Moisture	<u>EPA / Standa</u> 1.0	0.1	noas %	1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
<b>Fotal Petroleum Hydrocarbons C6</b>	-C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 23:41	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 23:41	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	04/30/21 23:41	TPH 8015M	
Surrogate: 1-Chlorooctane	8	2.8 %	70-130		P1D2904	04/29/21 13:45	04/30/21 23:41	TPH 8015M	
Surrogate: o-Terphenyl	8	5.8 %	70-130		P1D2904	04/29/21 13:45	04/30/21 23:41	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/29/21 13:45	04/30/21 23:41	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		-	t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	3-2213
			Wes	t Side Wa 1D28012-	all 6A @ 72 -12 (Soil)	2			
				1020012	-12 (3011)				
Analyte	Limit Result	t Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by	EDA / Standa			asin Envi	ronmental L	.ab, L.P.			
% Moisture	<u>EFA / Standa</u> 1.0	0.1	<u>nous</u> %	1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
<b>Fotal Petroleum Hydrocarbons C6</b>	-C35 by EPA	Method	l 8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 00:05	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 00:05	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 00:05	TPH 8015M	
Surrogate: 1-Chlorooctane	8	4.2 %	70-130		P1D2904	04/29/21 13:45	05/01/21 00:05	TPH 8015M	
Surrogate: o-Terphenyl	8	3.3 %	70-130		P1D2904	04/29/21 13:45	05/01/21 00:05	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/29/21 13:45	05/01/21 00:05	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	3-2213
			Wes		all 7A @ 72				
				1D28012	-13 (Soil)				
	Limit	Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<u>General Chemistry Parameters by</u> % Moisture	EPA / Standa 2.0	nrd Met 0.1	hods %	1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
<u>Total Petroleum Hydrocarbons C6</u>	-C35 by EPA	Method	1 8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 00:29	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 00:29	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 00:29	TPH 8015M	
Surrogate: 1-Chlorooctane	8	5.2 %	70-130		P1D2904	04/29/21 13:45	05/01/21 00:29	TPH 8015M	
Surrogate: o-Terphenyl	8	9.7 %	70-130		P1D2904	04/29/21 13:45	05/01/21 00:29	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	04/29/21 13:45	05/01/21 00:29	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		-	t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	3-2213
			Wes		all 8A @ 72				
				1D28012-	-14 (8011)				
Analyte	Limit Result	Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Standa								
% Moisture	1.0	0.1	%	1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
<b>Fotal Petroleum Hydrocarbons C6</b>	-C35 by EPA	Method	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 00:52	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 00:52	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 00:52	TPH 8015M	
Surrogate: 1-Chlorooctane	8	0.2 %	70-130		P1D2904	04/29/21 13:45	05/01/21 00:52	TPH 8015M	
Surrogate: o-Terphenyl	8	4.1 %	70-130		P1D2904	04/29/21 13:45	05/01/21 00:52	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/29/21 13:45	05/01/21 00:52	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		2	t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	3-2213
			Wes		all 9A @ 72				
				1D28012-	-15 (Soil)				
Analyte	Limit Result	Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Standa	rd Met	hods						
% Moisture	ND	0.1	%	1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
<b>Fotal Petroleum Hydrocarbons C6</b>	C35 by EPA	Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 01:16	TPH 8015M	
>C12-C28	ND	25.0	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 01:16	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 01:16	TPH 8015M	
Surrogate: 1-Chlorooctane	8	5.4 %	70-130		P1D2904	04/29/21 13:45	05/01/21 01:16	TPH 8015M	
Surrogate: o-Terphenyl	7	9.7 %	70-130		P1D2904	04/29/21 13:45	05/01/21 01:16	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.0	mg/kg dry	1	[CALC]	04/29/21 13:45	05/01/21 01:16	calc	

E Tech Environmental & Safety Soluti 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	3-2213
			East	t Side Wa	all 5A @ 48	,,,			
				1D28012-	-16 (Soil)				
Analyte	Limit Result		ng Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result		Clifts	Dilution	Baten	Tiepareu	11111/200		110100
General Chemistry Parameters by % Moisture	<u>EPA / Standa</u> ND			1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
Fotal Petroleum Hydrocarbons C6	-C35 by EPA	Method 8	8015M						
C6-C12	ND	25.0 m	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 01:39	TPH 8015M	
>C12-C28	ND	25.0 n	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 01:39	TPH 8015M	
>C28-C35	ND	25.0 n	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 01:39	TPH 8015M	
Surrogate: 1-Chlorooctane	7	0.2 %	70-130		P1D2904	04/29/21 13:45	05/01/21 01:39	TPH 8015M	
Surrogate: o-Terphenyl	6	7.5 %	70-130		P1D2904	04/29/21 13:45	05/01/21 01:39	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	25.0 m	mg/kg dry	1	[CALC]	04/29/21 13:45	05/01/21 01:39	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		-	t Number:	Crazy Wolf 1 13636 Tim McMini			Fax: (432) 56	3-2213
					/all 8A @ 5	;•			
				1D28012-	-17 (3011)				
Analyte	Limit Result		ting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				asin Envi	ronmental l	Lab, L.P.			
<u>General Chemistry Parameters by</u> % Moisture	<u>EPA / Standa</u> 1.0	0.1	ods %	1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method 8	8015M						
C6-C12	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 02:03	TPH 8015M	
>C12-C28	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 02:03	TPH 8015M	
>C28-C35	ND	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 02:03	TPH 8015M	
Surrogate: 1-Chlorooctane	7.	2.6 %	70-130		P1D2904	04/29/21 13:45	05/01/21 02:03	TPH 8015M	
Surrogate: o-Terphenyl	7	7.2 %	70-130		P1D2904	04/29/21 13:45	05/01/21 02:03	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.3	mg/kg dry	1	[CALC]	04/29/21 13:45	05/01/21 02:03	calc	

E Tech Environmental & Safety Solutio	ns, Inc. [1]			Project:	Crazy Wolf 1	H Flare	Fax: (432) 563-2213		
13000 West County Road 100			Projec	t Number:	13636				
Odessa TX, 79765			Project	Manager:	Tim McMinn				
				Stockpile	e East 1A				
				1D28012	-18 (Soil)				
	Limi	t Repo	rting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by	EPA / Stand			asin Envi	ronmental I	.ab, L.P.			
% Moisture	1.0	0.1	%	1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	126	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 02:27	TPH 8015M	
>C12-C28	1840	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 02:27	TPH 8015M	
>C28-C35	217	25.3	mg/kg dry	1	P1D2904	04/29/21 13:45	05/01/21 02:27	TPH 8015M	
Surrogate: 1-Chlorooctane	8	80.6 %	70-130		P1D2904	04/29/21 13:45	05/01/21 02:27	TPH 8015M	
Surrogate: o-Terphenyl	;	77.9 %	70-130		P1D2904	04/29/21 13:45	05/01/21 02:27	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	2180	25.3	mg/kg dry	1	[CALC]	04/29/21 13:45	05/01/21 02:27	calc	

E Tech Environmental & Safety Solution	ns, Inc. [1]			Project:	Crazy Wolf	1H Flare		Fax: (432) 56	53-2213
13000 West County Road 100			Projec	t Number:	13636				
Odessa TX, 79765			Project	Manager:	Tim McMin	n			
			!	Stockpile	e East 3A				
				1D28012	-19 (Soil)				
	Lin	nit Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<u>General Chemistry Parameters by I</u>	EPA / Stand			asin Envi	ronmental	Lab, L.P.			
% Moisture	1.0	0.1	%	1	P1D2902	04/29/21 08:25	04/29/21 08:33	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EP/	A Method	8015M						
C6-C12	170	25.3	mg/kg dry	1	P1D3005	04/30/21 15:38	04/30/21 20:01	TPH 8015M	
>C12-C28	1900	25.3	mg/kg dry	1	P1D3005	04/30/21 15:38	04/30/21 20:01	TPH 8015M	
>C28-C35	295	25.3	mg/kg dry	1	P1D3005	04/30/21 15:38	04/30/21 20:01	TPH 8015M	
Surrogate: 1-Chlorooctane		116 %	70-130		P1D3005	04/30/21 15:38	04/30/21 20:01	TPH 8015M	
Surrogate: o-Terphenyl		127 %	70-130		P1D3005	04/30/21 15:38	04/30/21 20:01	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	2370	25.3	mg/kg dry	1	[CALC]	04/30/21 15:38	04/30/21 20:01	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

#### General Chemistry Parameters by EPA / Standard Methods - Quality Control

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1D2902 - *** DEFAULT PREP ***										
Blank (P1D2902-BLK1)				Prepared &	Analyzed:	04/29/21				
% Moisture	ND	0.1	%							
Duplicate (P1D2902-DUP1)	Sou	rce: 1D28001-	06	Prepared &	Analyzed:	04/29/21				
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P1D2902-DUP2)	Sou	rce: 1D28004-	04	Prepared &	Analyzed:	04/29/21				
% Moisture	1.0	0.1	%		1.0			0.00	20	
Duplicate (P1D2902-DUP3)	Sou	rce: 1D28006-	02	Prepared &	Analyzed:	04/29/21				
% Moisture	13.0	0.1	%		13.0			0.00	20	
Duplicate (P1D2902-DUP4)	Sou	rce: 1D28007-	06	Prepared &	Analyzed:	04/29/21				
% Moisture	26.0	0.1	%		26.0			0.00	20	
Duplicate (P1D2902-DUP5)	Sou	rce: 1D28012-	09	Prepared &	Analyzed:	04/29/21				
% Moisture	ND	0.1	%		ND				20	
Duplicate (P1D2902-DUP6)	Sou	rce: 1D28012-	19	Prepared &	Analyzed:	04/29/21				
% Moisture	1.0	0.1	%		1.0			0.00	20	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213	
13000 West County Road 100	Project Number:	13636		
Odessa TX, 79765	Project Manager:	Tim McMinn		

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

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1D2904 - TX 1005										
Blank (P1D2904-BLK1)				Prepared: (	04/29/21 A	nalyzed: 04	/30/21			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	98.2		"	100		98.2	70-130			
Surrogate: o-Terphenyl	51.5		"	50.0		103	70-130			
LCS (P1D2904-BS1)				Prepared: (	04/29/21 At	nalyzed: 04	/30/21			
C6-C12	1090	25.0	mg/kg wet	1000		109	75-125			
>C12-C28	1090	25.0	"	1000		109	75-125			
Surrogate: 1-Chlorooctane	101		"	100		101	70-130			
Surrogate: o-Terphenyl	57.6		"	50.0		115	70-130			
LCS Dup (P1D2904-BSD1)				Prepared: (	04/29/21 At	nalyzed: 04	/30/21			
C6-C12	1090	25.0	mg/kg wet	1000		109	75-125	0.247	20	
>C12-C28	1100	25.0	"	1000		110	75-125	0.372	20	
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	55.9		"	50.0		112	70-130			
Calibration Check (P1D2904-CCV1)				Prepared: (	04/29/21 A	nalyzed: 04	/30/21			
C6-C12	511	25.0	mg/kg wet	500		102	85-115			
>C12-C28	554	25.0	"	500		111	85-115			
Surrogate: 1-Chlorooctane	116		"	100		116	70-130			
Surrogate: o-Terphenyl	53.6		"	50.0		107	70-130			
Calibration Check (P1D2904-CCV2)				Prepared: (	)4/29/21 Ai	nalyzed: 04	/30/21			
C6-C12	441	25.0	mg/kg wet	500		88.3	85-115			
>C12-C28	455	25.0	"	500		91.0	85-115			
Surrogate: 1-Chlorooctane	99.3		"	100		99.3	70-130			
Surrogate: o-Terphenyl	44.7		"	50.0		89.3	70-130			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

	Permi	ian Basin	Enviror	nmental ]	Lab, L.P					
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1D2904 - TX 1005										
Matrix Spike (P1D2904-MS1)	Sour	ce: 1D28012	2-03	Prepared: (	04/29/21 A	nalyzed: 05	/01/21			
C6-C12	859	25.3	mg/kg dry	1010	ND	85.0	75-125			
>C12-C28	898	25.3	"	1010	ND	88.9	75-125			
Surrogate: 1-Chlorooctane	115		"	101		114	70-130			
Surrogate: o-Terphenyl	40.1		"	50.5		79.5	70-130			
Batch P1D3005 - TX 1005										
Blank (P1D3005-BLK1)				Prepared &	k Analyzed:	04/30/21				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	103		"	100		103	70-130			
Surrogate: o-Terphenyl	53.8		"	50.0		108	70-130			
LCS (P1D3005-BS1)				Prepared &	k Analyzed:	04/30/21				
C6-C12	1030	25.0	mg/kg wet	1000		103	75-125			
>C12-C28	981	25.0	"	1000		98.1	75-125			
Surrogate: 1-Chlorooctane	106		"	100		106	70-130			
Surrogate: o-Terphenyl	59.2		"	50.0		118	70-130			
LCS Dup (P1D3005-BSD1)				Prepared &	k Analyzed:	04/30/21				
C6-C12	1050	25.0	mg/kg wet	1000		105	75-125	1.43	20	
>C12-C28	999	25.0	"	1000		99.9	75-125	1.85	20	
Surrogate: 1-Chlorooctane	109		"	100		109	70-130			
Surrogate: o-Terphenyl	54.9		"	50.0		110	70-130			
Calibration Check (P1D3005-CCV1)				Prepared &	k Analyzed:	04/30/21				
C6-C12	500	25.0	mg/kg wet	500		100	85-115			
>C12-C28	500	25.0	"	500		99.9	85-115			
Surrogate: 1-Chlorooctane	104		"	100		104	70-130			
Surrogate: o-Terphenyl	55.7		"	50.0		111	70-130			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1D3005 - TX 1005										
Calibration Check (P1D3005-CCV2)				Prepared: (	04/30/21 A	nalyzed: 05	/01/21			
C6-C12	456	25.0	mg/kg wet	500		91.3	85-115			
>C12-C28	443	25.0	"	500		88.5	85-115			
Surrogate: 1-Chlorooctane	94.9		"	100		94.9	70-130			
Surrogate: o-Terphenyl	50.1		"	50.0		100	70-130			
Calibration Check (P1D3005-CCV3)				Prepared: (	04/30/21 A	nalyzed: 05	/01/21			
C6-C12	441	25.0	mg/kg wet	500		88.1	85-115			
>C12-C28	497	25.0	"	500		99.4	85-115			
Surrogate: 1-Chlorooctane	93.5		"	100		93.5	70-130			
Surrogate: o-Terphenyl	49.3		"	50.0		98.6	70-130			
Matrix Spike (P1D3005-MS1)	Sour	ce: 1D29008	8-01	Prepared: (	04/30/21 A	nalyzed: 05	/01/21			
C6-C12	1040	126	mg/kg dry	1010	175	85.1	75-125			
>C12-C28	8100	126	"	1010	8770	NR	75-125			
Surrogate: 1-Chlorooctane	91.7		"	101		90.8	70-130			
Surrogate: o-Terphenyl	51.4		"	50.5		102	70-130			
Matrix Spike Dup (P1D3005-MSD1)	Sour	ce: 1D29008	3-01	Prepared: (	)4/30/21 A	nalyzed: 05	/01/21			
C6-C12	984	126	mg/kg dry	1010	175	80.0	75-125	6.20	20	
>C12-C28	7950	126	"	1010	8770	NR	75-125	NR	20	
Surrogate: 1-Chlorooctane	89.1		"	101		88.2	70-130			
Surrogate: o-Terphenyl	62.3		"	50.5		123	70-130			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

#### **Notes and Definitions**

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

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

Bun Barron

Report Approved By:

Date: 5/3/2021

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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				· · · · .						-	-	-	-	-	-	-	Total #. of Containers				1.				) REQUEST Permian Basin Envi 10014 S. County Ri Midland, Texas 79
												╞		$\vdash$	$\vdash$		Ice HNO <sub>3</sub>		tec	Mat			- -		EST Bas Co
					<u> </u>									· .			HCI	Preservation	hen	Į į					in Er unty
									1.								H <sub>2</sub> SO <sub>4</sub>		V.C	tec					nviron Road 79706
							1					<u> </u>		<u> </u>			NaOH	& # of Containers	tim@etechenv.com	her				÷	REQUEST Permian Basin Environmental Lab, LP 10014 S. County Road 1213 Midland, Texas 79706
<del>4</del>	い。 2013年 初日 3月				·	. 						· .					Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> None	ontaine		N.C					13 13
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2	Ď	Date	Date							S		~					DW=Drinking Water SL=Sludge	Ξ			י. די	1	•		<b>. .</b> .
CA			:			1977) 1977									$\sim$	~	GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Matrix			epoi		`.		7
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1000	<u>.</u>	1.															TPH: TX 1005 Ext TX 10	006			Report Format:	P0 #	Project Loc:	Project #:	Project Name:
Received: 4 Adjusted:		Samp	abel Custo Custo	abo Samp										-			Cations (Ca, Mg, Na, K) Anions (Cl, SO4, Alkalinity)					_∰÷ 	<u>.</u>	注	Š
ved:	by Courier?	le Ha	s on dy se dy se	rator Ile ©ù Free					е								SAR / ESP / CEC	TOTAL	TCLP		X St			-	
	me ()	and E	conta eals ( eals (	y Co ontair e of H												1	Metals: As Ag Ba Cd Cr Pb Hg				Standard		6	3636	Phone
5.	one F	)elive	n co n co	Laboratory Comments: Sample Containers Intac VOCs Free of Headspace							- 1 A - A						Volatiles		nalyz		a		en lo.	36	ne:
	UPS [	red	(s) ntain oler(s	Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?	<u> </u>	 			- 		· ·	-			<u> </u>	-	Semivolatiles BTEX 80219/5030 or BTEX 82	260	Analyze For:				50.		432-
°C Factor	by Courier? UPS DHL	<b>.</b>	Labels on container(s) Custody seals on container(s) Custody seals on cooler(s)	Laboratory Comments: Sample Containers Intect? VOCs Free of Headspace?		1								$\vdash$	+		RCI		-		L H		NN		Phone: 432-661-4184 424 Wolf 1 H
100 100								•									N.O.R.M.	<u> </u>			TRRP				4184 1 H
3	FedE			5													Chlorides E 300								
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Page 28 of 28

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



# Analytical Report

### **Prepared for:**

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

> Project: Crazy Wolf 1H Flare Project Number: 13636 Location: Lea County, NM

> Lab Order Number: 1E05003



**Current Certification** 

Report Date: 05/11/21

Project: Crazy Wolf 1H Flare Project Number: 13636 Project Manager: Tim McMinn

ANALYTICAL REPORT FOR SAMPLES

Fax: (432) 563-2213

#### Sample ID Laboratory ID Matrix **Date Sampled Date Received** Stockpile 1 Pasture 1E05003-01 Soil 04/30/21 08:00 05-04-2021 16:45 Stockpile 2 Pasture 1E05003-02 Soil 04/30/21 08:02 05-04-2021 16:45 Stockpile 3 Pasture 1E05003-03 Soil 04/30/21 08:04 05-04-2021 16:45 1E05003-04 04/30/21 08:06 05-04-2021 16:45 West Stockpile 1A Soil West Stockpile 2A 1E05003-05 Soil 04/30/21 08:08 05-04-2021 16:45 West Stockpile 3A 1E05003-06 Soil 04/30/21 08:10 05-04-2021 16:45 West Stockpile 4A 1E05003-07 04/30/21 08:12 05-04-2021 16:45 Soil West Stockpile 5A 1E05003-08 Soil 04/30/21 08:14 05-04-2021 16:45 North Perimeter 3A 1E05003-09 Soil 04/30/21 08:16 05-04-2021 16:45 04/30/21 08:18 North Perimeter 4A 1E05003-10 05-04-2021 16:45 Soil North Perimeter 6A 1E05003-11 Soil 04/30/21 08:20 05-04-2021 16:45 North Perimeter 7A 1E05003-12 Soil 04/30/21 08:22 05-04-2021 16:45 North Perimeter 8A 1E05003-13 Soil 04/30/21 08:24 05-04-2021 16:45 North Perimeter 9A 1E05003-14 Soil 04/30/21 08:26 05-04-2021 16:45 Sample Point 1A 1E05003-15 Soil 04/30/21 08:28 05-04-2021 16:45 Sample Point 8A 1E05003-16 04/30/21 08:30 05-04-2021 16:45 Soil Bottom Hole 13 @ 5' 1E05003-17 Soil 04/30/21 08:34 05-04-2021 16:45 Bottom Hole 16 @ 5' 1E05003-18 04/30/21 08:36 05-04-2021 16:45 Soil Bottom Hole 17 @ 3' 1E05003-19 Soil 04/30/21 08:38 05-04-2021 16:45 Bottom Hole 18 @ 5' 1E05003-20 Soil 04/30/21 08:40 05-04-2021 16:45 Bottom Hole 19 @ 5' 1E05003-21 Soil 04/30/21 08:32 05-04-2021 16:45 04/30/21 08:42 Bottom Hole 20 @ 5' 1E05003-22 Soil 05-04-2021 16:45 Bottom Hole 21 @ 5' 1E05003-23 Soil 04/30/21 08:44 05-04-2021 16:45 Bottom Hole 22 @ 5' 1E05003-24 04/30/21 08:46 05-04-2021 16:45 Soil Bottom Hole 23 @ 5' 1E05003-25 Soil 04/30/21 08:48 05-04-2021 16:45 East Perimeter 1A 1E05003-26 Soil 04/30/21 08:50 05-04-2021 16:45 Perimeter South 7A 1E05003-27 04/30/21 08:52 05-04-2021 16:45 Soil Perimeter South 8A 1E05003-28 Soil 04/30/21 08:54 05-04-2021 16:45 1E05003-29 04/30/21 08:56 05-04-2021 16:45 Perimeter South 9A Soil

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

1E05003-30

1E05003-31

Soil

Soil

05/03/21 14:30

05/03/21 14:35

West Stockpile 6A

West Stockpile 7A

05-04-2021 16:45

05-04-2021 16:45

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213	
13000 West County Road 100	Project Number:	13636		
Odessa TX, 79765	Project Manager:	Tim McMinn		

## Stockpile 1 Pasture

1E05003-01 (Soil)

	Lim	it Repo	rting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental I	Lab, L.P.			
General Chemistry Parameters by l	EPA / Stand	ard Met	hods						
% Moisture	6.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 02:32	TPH 8015M	
>C12-C28	61.7	26.6	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 02:32	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 02:32	TPH 8015M	
Surrogate: 1-Chlorooctane		106 %	70-130		P1E0511	05/05/21 13:55	05/06/21 02:32	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-130		P1E0511	05/05/21 13:55	05/06/21 02:32	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	61.7	26.6	mg/kg dry	1	[CALC]	05/05/21 13:55	05/06/21 02:32	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]			Project:			H Flare	Fax: (432) :		3-2213
13000 West County Road 100			Projec	t Number:	13636				
Odessa TX, 79765			Project	Manager:	Tim McMinr	1			
			S	tockpile	2 Pasture				
				1E05003-	-02 (Soil)				
	Lim	it Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by % Moisture	<u>EPA / Stand</u> 7.0	0.1	hods %	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
<b>Total Petroleum Hydrocarbons C6-</b>	C35 by EPA	Method	l 8015M						
C6-C12	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 02:55	TPH 8015M	
>C12-C28	50.0	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 02:55	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 02:55	TPH 8015M	
Surrogate: 1-Chlorooctane		110 %	70-130		P1E0511	05/05/21 13:55	05/06/21 02:55	TPH 8015M	
Surrogate: o-Terphenyl		120 %	70-130		P1E0511	05/05/21 13:55	05/06/21 02:55	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	50.0	26.9	mg/kg dry	1	[CALC]	05/05/21 13:55	05/06/21 02:55	calc	

E Tech Environmental & Safety Solutions, Inc. [1]			Project:		Crazy Wolf 1H Flare		Fax: (432)		3-2213
13000 West County Road 100			Projec	t Number:	13636				
Odessa TX, 79765			Project	Manager:	Tim McMinr	l			
			S	tockpile	3 Pasture				
				1E05003-	-03 (Soil)				
	Lim	it Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by ] % Moisture	EPA / Stand 6.0	l <b>ard Met</b> 0.1	hods %	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
<u> Total Petroleum Hydrocarbons C6-</u>	C35 by EPA	Method	1 8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 03:19	TPH 8015M	
>C12-C28	44.5	26.6	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 03:19	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 03:19	TPH 8015M	
Surrogate: 1-Chlorooctane		105 %	70-130		P1E0511	05/05/21 13:55	05/06/21 03:19	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-130		P1E0511	05/05/21 13:55	05/06/21 03:19	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	44.5	26.6	mg/kg dry	1	[CALC]	05/05/21 13:55	05/06/21 03:19	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMini			Fax: (432) 56	3-2213
			,		ckpile 1A				
				1E05003-	-04 (Soil)				
Analyte	Limi Result	t Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental l	Lab, L.P.			
General Chemistry Parameters by	EPA / Standa	ard Metl	hods						
% Moisture	6.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
<b>Fotal Petroleum Hydrocarbons C6</b>	-C35 by EPA	Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 07:41	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 07:41	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 07:41	TPH 8015M	
Surrogate: 1-Chlorooctane		113 %	70-130		P1E0511	05/05/21 13:55	05/06/21 07:41	TPH 8015M	
Surrogate: o-Terphenyl		126 %	70-130		P1E0511	05/05/21 13:55	05/06/21 07:41	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	05/05/21 13:55	05/06/21 07:41	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]			t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	3-2213
			V		ckpile 2A				
<b></b>				TE05005-	-05 (Soil)				
Analyte	Lim Result	it Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental I	.ab, L.P.			
General Chemistry Parameters by	EPA / Stand	ard Metl	hods						
% Moisture	7.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 08:04	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 08:04	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 08:04	TPH 8015M	
Surrogate: 1-Chlorooctane		114 %	70-130		P1E0511	05/05/21 13:55	05/06/21 08:04	TPH 8015M	
Surrogate: o-Terphenyl		124 %	70-130		P1E0511	05/05/21 13:55	05/06/21 08:04	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	05/05/21 13:55	05/06/21 08:04	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMinr			Fax: (432) 56	53-2213
			,		ckpile 3A -06 (Soil)				
				1E03003	-00 (3011)				
Analyte	Lim Result	iit Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental I	.ab, L.P.			
General Chemistry Parameters by	EPA / Stand	lard Metl	hods						
% Moisture	7.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	A Method	8015M						
C6-C12	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 08:27	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 08:27	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 08:27	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-130		P1E0511	05/05/21 13:55	05/06/21 08:27	TPH 8015M	
Surrogate: o-Terphenyl		122 %	70-130		P1E0511	05/05/21 13:55	05/06/21 08:27	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	05/05/21 13:55	05/06/21 08:27	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		-	t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	53-2213
,			5	0	ckpile 4A				
				1E05003-	-07 (Soil)				
Analyte	Lim Result	it Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental I	_ab, L.P.			
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
% Moisture	6.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
<u> Total Petroleum Hydrocarbons C6</u>	-C35 by EPA	Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 09:36	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 09:36	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 09:36	TPH 8015M	
Surrogate: 1-Chlorooctane		114 %	70-130		P1E0511	05/05/21 13:55	05/06/21 09:36	TPH 8015M	
Surrogate: o-Terphenyl		124 %	70-130		P1E0511	05/05/21 13:55	05/06/21 09:36	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	05/05/21 13:55	05/06/21 09:36	calc	
E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:	Crazy Wolf 13636 Tim McMin			Fax: (432) 56	53-2213
------------------------------------------------------------------------------------------	----------------	----------	----------------	-----------	----------------------------------	----------------	----------------	---------------	---------
			١		ckpile 5A -08 (Soil)				
				1205005	-00 (3011)				
Analyte	Limi Result	t Repoi	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental	Lab, L.P.			
General Chemistry Parameters by	EPA / Standa	ard Meth	nods						
% Moisture	7.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
<u>Total Petroleum Hydrocarbons C6</u>	-C35 by EPA	Method	8015M						
C6-C12	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 09:59	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 09:59	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 09:59	TPH 8015M	
Surrogate: 1-Chlorooctane		113 %	70-130		P1E0511	05/05/21 13:55	05/06/21 09:59	TPH 8015M	
Surrogate: o-Terphenyl		121 %	70-130		P1E0511	05/05/21 13:55	05/06/21 09:59	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	05/05/21 13:55	05/06/21 09:59	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:	Crazy Wolf 13636 Tim McMin			Fax: (432) 56	53-2213
			N		imeter 3A -09 (Soil)				
	Lim	it Repo	rtina		. ,				
Analyte	Result	п керо	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<u>General Chemistry Parameters by</u> % Moisture Total Petroleum Hydrocarbons C6	5.0	<b>ard Met</b> 0.1	hods %	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
C6-C12	ND	26.3	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 10:21	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 10:21	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 10:21	TPH 8015M	
Surrogate: 1-Chlorooctane		118 %	70-130		P1E0511	05/05/21 13:55	05/06/21 10:21	TPH 8015M	
Surrogate: o-Terphenyl		129 %	70-130		P1E0511	05/05/21 13:55	05/06/21 10:21	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	05/05/21 13:55	05/06/21 10:21	calc	

E Tech Environmental & Safety Solutio 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMini			Fax: (432) 56	3-2213
			N		imeter 4A				
				1E05003	-10 (Soil)				
	Lim	it Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<u>General Chemistry Parameters by I</u> % Moisture	6.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
Total Petroleum Hydrocarbons C6-									
C6-C12	ND	26.6	mg/kg dry		P1E0511	05/05/21 13:55	05/06/21 10:44	TPH 8015M	
>C12-C28	34.6	26.6	mg/kg dry		P1E0511	05/05/21 13:55	05/06/21 10:44	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 10:44	TPH 8015M	
Surrogate: 1-Chlorooctane		115 %	70-130		P1E0511	05/05/21 13:55	05/06/21 10:44	TPH 8015M	
Surrogate: o-Terphenyl		126 %	70-130		P1E0511	05/05/21 13:55	05/06/21 10:44	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	34.6	26.6	mg/kg dry	1	[CALC]	05/05/21 13:55	05/06/21 10:44	calc	

E Tech Environmental & Safety Solutio 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]		5	t Number:	Crazy Wolf 13636 Tim McMin			Fax: (432) 56	3-2213
			N	orth Per	imeter 6A				
				1E05003	-11 (Soil)				
	Lim	it Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by % Moisture	6.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
Total Petroleum Hydrocarbons C6-	÷'								
C6-C12 >C12-C28	ND 139	26.6 26.6	mg/kg dry mg/kg dry		P1E0511 P1E0511	05/05/21 13:55 05/05/21 13:55	05/06/21 11:06 05/06/21 11:06	TPH 8015M TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 11:06	TPH 8015M	
Surrogate: 1-Chlorooctane		115 %	70-130		P1E0511	05/05/21 13:55	05/06/21 11:06	TPH 8015M	
Surrogate: o-Terphenyl		126 %	70-130		P1E0511	05/05/21 13:55	05/06/21 11:06	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	139	26.6	mg/kg dry	1	[CALC]	05/05/21 13:55	05/06/21 11:06	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMini			Fax: (432) 56	3-2213
			Ν		imeter 7A				
				1E05005	-12 (Soil)				
Analyte	Lim Result	it Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental l	Lab, L.P.			
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
% Moisture	7.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 16:46	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 16:46	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 16:46	TPH 8015M	
Surrogate: 1-Chlorooctane		110 %	70-130		P1E0511	05/05/21 13:55	05/06/21 16:46	TPH 8015M	
Surrogate: o-Terphenyl		120 %	70-130		P1E0511	05/05/21 13:55	05/06/21 16:46	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	05/05/21 13:55	05/06/21 16:46	calc	

E Tech Environmental & Safety Solutio 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMini			Fax: (432) 56	53-2213
Ouessa 1A, 79705			5		imeter 8A	1			
			1	1E05003-					
	Lin	nit Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by % Moisture	<u>EPA / Stanc</u> 6.0	lard Met 0.1	hods %	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
<b>Fotal Petroleum Hydrocarbons C6-</b>	C35 by EPA	A Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 17:08	TPH 8015M	
>C12-C28	73.7	26.6	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 17:08	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 17:08	TPH 8015M	
Surrogate: 1-Chlorooctane		109 %	70-130		P1E0511	05/05/21 13:55	05/06/21 17:08	TPH 8015M	
Surrogate: o-Terphenyl		119 %	70-130		P1E0511	05/05/21 13:55	05/06/21 17:08	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	73.7	26.6	mg/kg dry	1	[CALC]	05/05/21 13:55	05/06/21 17:08	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMini			Fax: (432) 56	53-2213
			N		imeter 9A				
				1E05003	-14 (Soil)				
Analyte	Lim Result	it Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental l	Lab. L.P.			
General Chemistry Parameters by	EPA / Stand								
% Moisture	7.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 17:31	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 17:31	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 17:31	TPH 8015M	
Surrogate: 1-Chlorooctane		107 %	70-130		P1E0511	05/05/21 13:55	05/06/21 17:31	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-130		P1E0511	05/05/21 13:55	05/06/21 17:31	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	05/05/21 13:55	05/06/21 17:31	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765					Crazy Wolf 13636 Tim McMin			Fax: (432) 56	53-2213
				-	Point 1A				
				1E05003	-15 (Soil)				
Analyte	Lim Result	it Repo	orting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental	Lab, L.P.			
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
% Moisture	5.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
<b>Fotal Petroleum Hydrocarbons C6</b> -	C35 by EPA	Method	8015M						
C6-C12	ND	26.3	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 17:54	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 17:54	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 17:54	TPH 8015M	
Surrogate: 1-Chlorooctane		108 %	70-130		P1E0511	05/05/21 13:55	05/06/21 17:54	TPH 8015M	
Surrogate: o-Terphenyl		118 %	70-130		P1E0511	05/05/21 13:55	05/06/21 17:54	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	05/05/21 13:55	05/06/21 17:54	calc	

E Tech Environmental & Safety Solution	ns, Inc. [1]			Project:	Crazy Wolf	1H Flare		Fax: (432) 56	53-2213
13000 West County Road 100			Projec	t Number:	13636				
Odessa TX, 79765			Project	Manager:	Tim McMini	n			
				Sample	Point 8A				
				1E05003	-16 (Soil)				
	Lin	nit Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by I % Moisture	<u>EPA / Stano</u> 7.0	<b>lard Met</b> 0.1	hods %	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
Total Petroleum Hydrocarbons C6-(	C <b>35 by EP</b> /	A Method	l 8015M						
C6-C12	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 18:17	TPH 8015M	
>C12-C28	29.4	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 18:17	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1E0511	05/05/21 13:55	05/06/21 18:17	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-130		P1E0511	05/05/21 13:55	05/06/21 18:17	TPH 8015M	
Surrogate: o-Terphenyl		123 %	70-130		P1E0511	05/05/21 13:55	05/06/21 18:17	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	29.4	26.9	mg/kg dry	1	[CALC]	05/05/21 13:55	05/06/21 18:17	calc	

E Tech Environmental & Safety Solutio	ns, Inc. [1]			Project:	Crazy Wolf 1	H Flare		Fax: (432) 56	53-2213
13000 West County Road 100	, LI		Projec	t Number:	13636				
Odessa TX, 79765			Project	Manager:	Tim McMinn	L			
			В	ottom He	ole 13 @ 5'				
				1E05003-	-17 (Soil)				
	Lin	nit Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by	EPA / Stand		hods	asın Envi	ronmental I				
% Moisture	6.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
<u>Total Petroleum Hydrocarbons C6-</u>	C35 by EP	A Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 15:33	TPH 8015M	
>C12-C28	81.9	26.6	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 15:33	TPH 8015M	
>C28-C35	34.0	26.6	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 15:33	TPH 8015M	
Surrogate: 1-Chlorooctane		103 %	70-130		P1E0507	05/05/21 12:22	05/05/21 15:33	TPH 8015M	
Surrogate: o-Terphenyl		114 %	70-130		P1E0507	05/05/21 12:22	05/05/21 15:33	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	116	26.6	mg/kg dry	1	[CALC]	05/05/21 12:22	05/05/21 15:33	calc	

E Tech Environmental & Safety Solutio 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]	s, Inc. [1] Project: Project Number: Project Manager:						Fax: (432) 56	53-2213
			В	ottom He	ole 16 @ 5'	,			
				1E05003	-18 (Soil)				
	Lin	nit Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<u>General Chemistry Parameters by </u> % Moisture	<u>EPA / Stano</u> 7.0	lard Met 0.1	hods %	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
<u> Fotal Petroleum Hydrocarbons C6-</u>									
C6-C12	ND	26.9	mg/kg dry		P1E0507	05/05/21 12:22	05/05/21 15:56	TPH 8015M	
>C12-C28 >C28-C35	28.2 ND	26.9 26.9	mg/kg dry mg/kg dry		P1E0507 P1E0507	05/05/21 12:22 05/05/21 12:22	05/05/21 15:56 05/05/21 15:56	TPH 8015M TPH 8015M	
Surrogate: 1-Chlorooctane	ND	20.9	70-130		P1E0507	05/05/21 12:22	05/05/21 15:56	TPH 8015M	
Surrogate: o-Terphenyl		119 %	70-130		P1E0507	05/05/21 12:22	05/05/21 15:56	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	28.2	26.9	mg/kg dry	1	[CALC]	05/05/21 12:22	05/05/21 15:56	calc	

E Tech Environmental & Safety Solution	ons, Inc. [1]			Project:	Crazy Wolf 1	H Flare		Fax: (432) 56	53-2213
13000 West County Road 100			Projec	t Number:	13636				
Odessa TX, 79765			Project	Manager:	Tim McMinr	l			
			B	ottom He	ole 17 @ 3'				
				1E05003-	-19 (Soil)				
	Lin	it Repo	rting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by	EPA / Stand			asin Envi	ronmental I	Lab, L.P.			
% Moisture	6.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
<u>Fotal Petroleum Hydrocarbons C6</u>	-C35 by EP/	<b>Method</b>	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 16:18	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 16:18	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 16:18	TPH 8015M	
Surrogate: 1-Chlorooctane		113 %	70-130		P1E0507	05/05/21 12:22	05/05/21 16:18	TPH 8015M	
Surrogate: o-Terphenyl		121 %	70-130		P1E0507	05/05/21 12:22	05/05/21 16:18	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	05/05/21 12:22	05/05/21 16:18	calc	

E Tech Environmental & Safety Solutio	ns, Inc. [1]			Project:	cci. Crazy won miniate				3-2213
13000 West County Road 100			Projec	t Number:	13636				
Odessa TX, 79765			Project	Manager:	Tim McMini	n			
			B	ottom He	ole 18 @ 5'				
				1E05003	-20 (Soil)				
	Lin	it Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by % Moisture	<u>EPA / Stand</u> 7.0	<b>lard Met</b> 0.1	hods %	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
Fotal Petroleum Hydrocarbons C6-	C35 by EPA	<b>Method</b>	l 8015M						
C6-C12	ND	26.9	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 16:41	TPH 8015M	
>C12-C28	73.4	26.9	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 16:41	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 16:41	TPH 8015M	
Surrogate: 1-Chlorooctane		112 %	70-130		P1E0507	05/05/21 12:22	05/05/21 16:41	TPH 8015M	
Surrogate: o-Terphenyl		122 %	70-130		P1E0507	05/05/21 12:22	05/05/21 16:41	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	73.4	26.9	mg/kg dry	1	[CALC]	05/05/21 12:22	05/05/21 16:41	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMini			Fax: (432) 56	53-2213
			В	ottom He	ole 19 @ 5'				
				1E05003	-21 (Soil)				
Analyte	Lim Result	it Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				asin Envi	ronmental ]	Lab, L.P.			
<u>General Chemistry Parameters by</u> % Moisture	<u>EFA / Stand</u> 8.0	0.1	<u>nous</u> %	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
Total Petroleum Hydrocarbons C6	C35 by EPA	Method	8015M						
C6-C12	ND	27.2	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 17:04	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 17:04	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 17:04	TPH 8015M	
Surrogate: 1-Chlorooctane		104 %	70-130		P1E0507	05/05/21 12:22	05/05/21 17:04	TPH 8015M	
Surrogate: o-Terphenyl		113 %	70-130		P1E0507	05/05/21 12:22	05/05/21 17:04	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	05/05/21 12:22	05/05/21 17:04	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	3-2213
			B	ottom Ho	ole 20 @ 5'				
				1E05003-	-22 (Soil)				
Analyte	Lim Result	it Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental I	.ab, L.P.			
General Chemistry Parameters by	EPA / Stand	ard Metl	hods						
% Moisture	11.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	28.1	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 17:27	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 17:27	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 17:27	TPH 8015M	
Surrogate: 1-Chlorooctane		107 %	70-130		P1E0507	05/05/21 12:22	05/05/21 17:27	TPH 8015M	
Surrogate: o-Terphenyl		116 %	70-130		P1E0507	05/05/21 12:22	05/05/21 17:27	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	05/05/21 12:22	05/05/21 17:27	calc	

E Tech Environmental & Safety Solutio 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]		5	t Number:	Crazy Wolf 13636 Tim McMin			Fax: (432) 56	3-2213
			B	ottom He	ole 21 @ 5'	,			
				1E05003	-23 (Soil)				
	Lin	it Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by % Moisture	6.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
Total Petroleum Hydrocarbons C6- C6-C12	<u>C35 by EP</u> ND	<u>Method</u> 26.6	1 8015M mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 17:49	TPH 8015M	
>C12-C28	30.8	26.6	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 17:49	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 17:49	TPH 8015M	
Surrogate: 1-Chlorooctane		107 %	70-130		P1E0507	05/05/21 12:22	05/05/21 17:49	TPH 8015M	
Surrogate: o-Terphenyl		117 %	70-130		P1E0507	05/05/21 12:22	05/05/21 17:49	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	30.8	26.6	mg/kg dry	1	[CALC]	05/05/21 12:22	05/05/21 17:49	calc	

E Tech Environmental & Safety Solutio 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]	Project:     Project Number:     Project Manager:						Fax: (432) 56	53-2213
			B	ottom Ho	ole 22 @ 5	•			
				1E05003	-24 (Soil)				
	Lim	it Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by % Moisture	<u>EPA / Stand</u> 12.0	l <b>ard Met</b> 0.1	hods %	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
<u> Fotal Petroleum Hydrocarbons C6-</u>	C35 by EPA	Method	1 8015M						
C6-C12	ND	28.4	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 18:12	TPH 8015M	
>C12-C28	52.9	28.4	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 18:12	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 18:12	TPH 8015M	
Surrogate: 1-Chlorooctane		113 %	70-130		P1E0507	05/05/21 12:22	05/05/21 18:12	TPH 8015M	
Surrogate: o-Terphenyl		121 %	70-130		P1E0507	05/05/21 12:22	05/05/21 18:12	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	52.9	28.4	mg/kg dry	1	[CALC]	05/05/21 12:22	05/05/21 18:12	calc	

E Tech Environmental & Safety Soluti 13000 West County Road 100	ons, Inc. [1]		Projec	Project: t Number:	Crazy Wolf 1	H Flare		Fax: (432) 56	53-2213
Odessa TX, 79765			2		Tim McMinr	l			
			B	ottom Ho	ole 23 @ 5'				
				1E05003	-25 (Soil)				
	Lin	nit Repo	rting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by	EPA / Stand			asin Envi	ronmental I	Jad, L.P.			
% Moisture	7.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
<u> Total Petroleum Hydrocarbons C6</u>	-C35 by EPA	A Method	8015M						
C6-C12	ND	26.9	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 19:20	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 19:20	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 19:20	TPH 8015M	
Surrogate: 1-Chlorooctane		105 %	70-130		P1E0507	05/05/21 12:22	05/05/21 19:20	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-130		P1E0507	05/05/21 12:22	05/05/21 19:20	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	05/05/21 12:22	05/05/21 19:20	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMini			Fax: (432) 56	3-2213
			]	East Peri 1E05003-	meter 1A -26 (Soil)				
					( )				
Analyte	Lim Result	it Repo	rtıng Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by	FPA / Stand			asin Envi	ronmental l	Lab, L.P.			
% Moisture	<u>ETR/ Stand</u> 6.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method	8015M						
C6-C12	ND	26.6	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 19:42	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 19:42	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 19:42	TPH 8015M	
Surrogate: 1-Chlorooctane		106 %	70-130		P1E0507	05/05/21 12:22	05/05/21 19:42	TPH 8015M	
Surrogate: o-Terphenyl		115 %	70-130		P1E0507	05/05/21 12:22	05/05/21 19:42	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	05/05/21 12:22	05/05/21 19:42	calc	

E Tech Environmental & Safety Solutio 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMini			Fax: (432) 56	53-2213
			Р		South 7A -27 (Soil)				
	т.			120000	27 (301)				
Analyte	Lim Result	it Repo	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental l	Lab, L.P.			
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
% Moisture	8.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	A Method	8015M						
C6-C12	ND	27.2	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 20:05	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 20:05	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 20:05	TPH 8015M	
Surrogate: 1-Chlorooctane		111 %	70-130		P1E0507	05/05/21 12:22	05/05/21 20:05	TPH 8015M	
Surrogate: o-Terphenyl		117 %	70-130		P1E0507	05/05/21 12:22	05/05/21 20:05	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	05/05/21 12:22	05/05/21 20:05	calc	

E Tech Environmental & Safety Solutio 13000 West County Road 100 Odessa TX, 79765	ns, Inc. [1]		5	t Number:	Crazy Wolf 1H Flare 13636 Tim McMinn			Fax: (432) 56	3-2213
			Р	erimeter	South 8A				
				1E05003	-28 (Soil)				
	Lin	nit Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by I % Moisture	EPA / Stand 7.0	lard Met 0.1	hods %	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
Total Petroleum Hydrocarbons C6-	C35 by EPA	A Method	1 8015M						
C6-C12	ND	26.9	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 20:27	TPH 8015M	
>C12-C28	81.1	26.9	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 20:27	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 20:27	TPH 8015M	
Surrogate: 1-Chlorooctane		115 %	70-130		P1E0507	05/05/21 12:22	05/05/21 20:27	TPH 8015M	
Surrogate: o-Terphenyl		124 %	70-130		P1E0507	05/05/21 12:22	05/05/21 20:27	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	81.1	26.9	mg/kg dry	1	[CALC]	05/05/21 12:22	05/05/21 20:27	calc	

E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:	Crazy Wolf 1H Flare 13636 Tim McMinn			Fax: (432) 56	3-2213
			Р	erimeter	South 9A				
				1E05003	-29 (Soil)				
Analyte	Lim Result	it Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		P	ermian B	asin Envi	ronmental I	Lab, L.P.			
General Chemistry Parameters by	EPA / Stand	ard Metl	hods						
% Moisture	8.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
<u>Fotal Petroleum Hydrocarbons C6</u>	-C35 by EPA	Method	8015M						
C6-C12	ND	27.2	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 20:49	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 20:49	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 20:49	TPH 8015M	
Surrogate: 1-Chlorooctane		120 %	70-130		P1E0507	05/05/21 12:22	05/05/21 20:49	TPH 8015M	
Surrogate: o-Terphenyl		130 %	70-130		P1E0507	05/05/21 12:22	05/05/21 20:49	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	05/05/21 12:22	05/05/21 20:49	calc	

E Tech Environmental & Safety Solution	ons, Inc. [1]			Project:	Crazy Wolf 1	H Flare		Fax: (432) 56	3-2213
13000 West County Road 100			Projec	t Number:	13636				
Odessa TX, 79765			Project	t Manager:	Tim McMinr	l			
			•	West Sto	ckpile 6A				
				1E05003-	-30 (Soil)				
	Lim	it Repo	orting						
Analyte	Result		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by	EPA / Stand		hods		ronmental I				
% Moisture	4.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
<u> Fotal Petroleum Hydrocarbons C6</u>	-C35 by EPA	<b>Method</b>	8015M						
C6-C12	ND	26.0	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 21:11	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 21:11	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 21:11	TPH 8015M	
Surrogate: 1-Chlorooctane		119 %	70-130		P1E0507	05/05/21 12:22	05/05/21 21:11	TPH 8015M	
Surrogate: o-Terphenyl		129 %	70-130		P1E0507	05/05/21 12:22	05/05/21 21:11	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	05/05/21 12:22	05/05/21 21:11	calc	

E Tech Environmental & Safety Soluti 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		2	t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	3-2213
			V	West Stoc	kpile 7A				
				1E05003-	31 (Soil)				
Analyte	Limi Result		ing Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Per	rmian B	asin Envi	ronmental L	.ab, L.P.			
<u>General Chemistry Parameters by</u>	EPA / Standa	ard Metho	ods						
% Moisture	4.0	0.1	%	1	P1E0601	05/06/21 08:44	05/06/21 09:30	ASTM D2216	
Total Petroleum Hydrocarbons C6	-C35 by EPA	Method 8	8015M						
C6-C12	ND	26.0	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 21:33	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 21:33	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P1E0507	05/05/21 12:22	05/05/21 21:33	TPH 8015M	
Surrogate: 1-Chlorooctane		120 %	70-130		P1E0507	05/05/21 12:22	05/05/21 21:33	TPH 8015M	
Surrogate: o-Terphenyl		131 %	70-130		P1E0507	05/05/21 12:22	05/05/21 21:33	TPH 8015M	S-GC
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	05/05/21 12:22	05/05/21 21:33	calc	

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213	l
13000 West County Road 100	Project Number:	13636		l
Odessa TX, 79765	Project Manager:	Tim McMinn		ĺ

#### 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 P1E0601 - *** DEFAULT PREP ***										
Blank (P1E0601-BLK1)				Prepared &	Analyzed:	05/06/21				
% Moisture	ND	0.1	%							
Blank (P1E0601-BLK2)				Prepared &	Analyzed:	05/06/21				
% Moisture	ND	0.1	%							
Blank (P1E0601-BLK3)				Prepared &	Analyzed:	05/06/21				
% Moisture	ND	0.1	%							
Blank (P1E0601-BLK4)				Prepared &	Analyzed:	05/06/21				
% Moisture	ND	0.1	%							
Duplicate (P1E0601-DUP1)	Sou	rce: 1E04003-	10	Prepared & Analyzed: 05/06/21						
% Moisture	11.0	0.1	%		11.0			0.00	20	
Duplicate (P1E0601-DUP2)	Sou	rce: 1E04005-	01	Prepared &	Analyzed:	05/06/21				
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P1E0601-DUP3)	Sou	rce: 1E04006-	02	Prepared &	Analyzed:	05/06/21				
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P1E0601-DUP4)	Sou	rce: 1E04007-	05	Prepared &	Analyzed:	05/06/21				
% Moisture	5.0	0.1	%		6.0			18.2	20	
Duplicate (P1E0601-DUP5)	Sou	rce: 1E05003-	03	Prepared &	Analyzed:	05/06/21				
% Moisture	6.0	0.1	%	-	6.0			0.00	20	
Duplicate (P1E0601-DUP6)	Sou	rce: 1E05003-	13	Prepared &	Analyzed:	05/06/21				
% Moisture	5.0	0.1	%	-	6.0			18.2	20	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213	
13000 West County Road 100	Project Number:	13636		
Odessa TX, 79765	Project Manager:	Tim McMinn		

### General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian	Basin	<b>Environmental</b>	Lab, L.P.
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		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1E0601 - *** DEFAULT PREP ***										
Duplicate (P1E0601-DUP7)	Sou	rce: 1E05003-2	28	Prepared &	Analyzed:	05/06/21				
% Moisture	6.0	0.1	%	7.0				15.4	20	
Duplicate (P1E0601-DUP8)	Sou	Source: 1E05004-07         Prepared & Analyzed: 05/06/21           0         0.1         %         10.0								
% Moisture	9.0	0.1	%		10.0			10.5	20	
Duplicate (P1E0601-DUP9)	Sou	Source: 1E05004-22 Prepa		Prepared &	Analyzed:	05/06/21				
% Moisture	5.0	0.1	%		4.0			22.2	20	
Duplicate (P1E0601-DUPA)	Sou	rce: 1E05004-3	32	Prepared &	Analyzed:	05/06/21				
% Moisture	11.0	0.1	%		12.0			8.70	20	
Duplicate (P1E0601-DUPB)	Sou	rce: 1E05004-	47	Prepared &	Analyzed:	05/06/21				
% Moisture	8.0	0.1	%		8.0			0.00	20	
Duplicate (P1E0601-DUPC)	Sou	rce: 1E05004-:	57	Prepared &	Analyzed:	05/06/21				
% Moisture	6.0	0.1	%		6.0			0.00	20	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1E0507 - TX 1005										
Blank (P1E0507-BLK1)				Prepared &	Analyzed:	05/05/21				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	103		"	100		103	70-130			
Surrogate: o-Terphenyl	54.4		"	50.0		109	70-130			
LCS (P1E0507-BS1)				Prepared &	Analyzed:	05/05/21				
C6-C12	1060	25.0	mg/kg wet	1000		106	75-125			
>C12-C28	1050	25.0	"	1000		105	75-125			
Surrogate: 1-Chlorooctane	105		"	100		105	70-130			
Surrogate: o-Terphenyl	56.5		"	50.0		113	70-130			
LCS Dup (P1E0507-BSD1)				Prepared &	Analyzed:	05/05/21				
C6-C12	1020	25.0	mg/kg wet	1000		102	75-125	3.94	20	
>C12-C28	1020	25.0	"	1000		102	75-125	2.43	20	
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	54.6		"	50.0		109	70-130			
Calibration Blank (P1E0507-CCB2)				Prepared &	Analyzed:	05/05/21				
C6-C12	5.22		mg/kg wet							
>C12-C28	10.5		"							
Surrogate: 1-Chlorooctane	100		"	100		100	70-130			
Surrogate: o-Terphenyl	52.4		"	50.0		105	70-130			
Calibration Check (P1E0507-CCV1)				Prepared &	Analyzed:	05/05/21				
C6-C12	553	25.0	mg/kg wet	500		111	85-115			
>C12-C28	562	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	110		"	100		110	70-130			
Surrogate: o-Terphenyl	59.8		"	50.0		120	70-130			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

Permian	Basin	<b>Environmental</b>	Lab, L.P.
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Angleta	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Kesun	Limit	Units	Level	Kesult	%REC	Limits	RPD	Limit	Notes
Batch P1E0507 - TX 1005										
Matrix Spike (P1E0507-MS1)	Source	e: 1E05003	3-31	Prepared &	Analyzed:	05/05/21				
C6-C12	1160	26.0	mg/kg dry	1040	11.6	110	75-125			
>C12-C28	1180	26.0	"	1040	13.2	112	75-125			
Surrogate: 1-Chlorooctane	114		"	104		109	70-130			
Surrogate: o-Terphenyl	63.8		"	52.1		122	70-130			
Matrix Spike Dup (P1E0507-MSD1)	Sourc	e: 1E05003	3-31	Prepared 8	Analyzed:	05/05/21				
C6-C12	1150	26.0	mg/kg dry	1040	11.6	109	75-125	0.605	20	
>C12-C28	1160	26.0	"	1040	13.2	111	75-125	1.31	20	
Surrogate: 1-Chlorooctane	114		"	104		109	70-130			
Surrogate: o-Terphenyl	65.8		"	52.1		126	70-130			
Batch P1E0511 - TX 1005										
Blank (P1E0511-BLK1)				Prepared: (	05/05/21 Ai	nalyzed: 05	/06/21			
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	91.8		"	100		91.8	70-130			
Surrogate: o-Terphenyl	49.4		"	50.0		98.8	70-130			
LCS (P1E0511-BS1)				Prepared &	Analyzed:	05/05/21				
C6-C12	778	25.0	mg/kg wet	1000		77.8	75-125			
>C12-C28	820	25.0	"	1000		82.0	75-125			
Surrogate: 1-Chlorooctane	113		"	100		113	70-130			
Surrogate: o-Terphenyl	46.3		"	50.0		92.6	70-130			
LCS Dup (P1E0511-BSD1)				Prepared 8	Analyzed:	05/05/21				
C6-C12	1000	25.0	mg/kg wet	1000		100	75-125	25.2	20	
>C12-C28	1010	25.0	"	1000		101	75-125	20.3	20	
Surrogate: 1-Chlorooctane	99.2		"	100		99.2	70-130			
Surrogate: o-Terphenyl	51.8		"	50.0		104	70-130			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1E0511 - TX 1005										
Calibration Check (P1E0511-CCV1)				Prepared &	k Analyzed:	05/05/21				
C6-C12	573	25.0	mg/kg wet	500		115	85-115			
>C12-C28	554	25.0	"	500		111	85-115			
Surrogate: 1-Chlorooctane	117		"	100		117	70-130			
Surrogate: o-Terphenyl	63.6		"	50.0		127	70-130			
Calibration Check (P1E0511-CCV2)				Prepared: (	05/05/21 A	nalyzed: 05	/06/21			
C6-C12	503	25.0	mg/kg wet	500		101	85-115			
>C12-C28	558	25.0	"	500		112	85-115			
Surrogate: 1-Chlorooctane	121		"	100		121	70-130			
Surrogate: o-Terphenyl	57.3		"	50.0		115	70-130			
Calibration Check (P1E0511-CCV3)				Prepared: (	05/05/21 A	nalyzed: 05	/06/21			
C6-C12	563	25.0	mg/kg wet	500		113	85-115			
>C12-C28	541	25.0	"	500		108	85-115			
Surrogate: 1-Chlorooctane	116		"	100		116	70-130			
Surrogate: o-Terphenyl	62.0		"	50.0		124	70-130			
Matrix Spike (P1E0511-MS1)	Sour	ce: 1E05003	-16	Prepared: (	05/05/21 A	nalyzed: 05	/06/21			
C6-C12	1090	26.9	mg/kg dry	1080	11.2	100	75-125			
>C12-C28	1120	26.9	"	1080	29.4	102	75-125			
Surrogate: 1-Chlorooctane	106		"	108		98.7	70-130			
Surrogate: o-Terphenyl	57.7		"	53.8		107	70-130			
Matrix Spike Dup (P1E0511-MSD1)	Sour	ce: 1E05003	-16	Prepared: (	05/05/21 A	nalyzed: 05	/06/21			
C6-C12	1080	26.9	mg/kg dry	1080	11.2	99.9	75-125	0.250	20	
>C12-C28	1130	26.9	"	1080	29.4	102	75-125	0.192	20	
Surrogate: 1-Chlorooctane	107		"	108		99.4	70-130			
Surrogate: o-Terphenyl	57.9		"	53.8		108	70-130			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

#### **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
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
BULK	Samples received in Bulk soil containers
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By:

Bun Barron

5/11/2021

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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.

Date:

# Received by OCD: 10/9/2021 12:00:16 AM

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



# Analytical Report

# **Prepared for:**

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

> Project: Crazy Wolf 1H Flare Project Number: 13636 Location: New Mexico

> Lab Order Number: 1E14027



**Current Certification** 

Report Date: 05/18/21

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

#### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Bottom Hole 13 B 6"	1E14027-01	Soil	05/12/21 13:00	05-14-2021 12:15
North Perimeter 6B	1E14027-02	Soil	05/12/21 13:20	05-14-2021 12:15

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213	
13000 West County Road 100	Project Number:	13636		
Odessa TX, 79765	Project Manager:	Tim McMinn		

## Bottom Hole 13 B 6"

1E14027-01 (Soil)

Analyte	Lim Result	it Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Note
			00				,		
		Р	ermian B	asin Envi	ronmental L	ab, L.P.			
General Chemistry Parameters by	EPA / Stand	lard Met	hods						
% Moisture	2.0	0.1	%	1	P1E1702	05/17/21 09:45	05/17/21 09:49	ASTM D2216	
<u>Fotal Petroleum Hydrocarbons C6</u>	-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1E1704	05/17/21 12:17	05/17/21 21:51	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1E1704	05/17/21 12:17	05/17/21 21:51	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1E1704	05/17/21 12:17	05/17/21 21:51	TPH 8015M	
Surrogate: 1-Chlorooctane		106 %	70-130		P1E1704	05/17/21 12:17	05/17/21 21:51	TPH 8015M	
Surrogate: o-Terphenyl		122 %	70-130		P1E1704	05/17/21 12:17	05/17/21 21:51	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	05/17/21 12:17	05/17/21 21:51	calc	

Permian Basin Environmental Lab, L.P.
E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMinn			Fax: (432) 56	53-2213
			Ν	orth Per 1E14027-	imeter 6B				
				1E1402/-	-02 (3011)				
Analyte	Lim Result	it Repo	rting Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Р	ermian B	asin Envi	ronmental I	.ab, L.P.			
General Chemistry Parameters by	EPA / Stand	ard Met	hods						
% Moisture	2.0	0.1	%	1	P1E1702	05/17/21 09:45	05/17/21 09:49	ASTM D2216	
<u>Fotal Petroleum Hydrocarbons C6</u>	-C35 by EPA	Method	8015M						
C6-C12	ND	25.5	mg/kg dry	1	P1E1704	05/17/21 12:17	05/17/21 22:13	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P1E1704	05/17/21 12:17	05/17/21 22:13	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P1E1704	05/17/21 12:17	05/17/21 22:13	TPH 8015M	
Surrogate: 1-Chlorooctane		104 %	70-130		P1E1704	05/17/21 12:17	05/17/21 22:13	TPH 8015M	
Surrogate: o-Terphenyl		119 %	70-130		P1E1704	05/17/21 12:17	05/17/21 22:13	TPH 8015M	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	05/17/21 12:17	05/17/21 22:13	calc	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213	
13000 West County Road 100	Project Number:	13636		
Odessa TX, 79765	Project Manager:	Tim McMinn		

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1E1702 - *** DEFAULT PREP ***										
Blank (P1E1702-BLK1)				Prepared &	Analyzed:	05/17/21				
% Moisture	ND	0.1	%							
Blank (P1E1702-BLK2)				Prepared &	Analyzed:	05/17/21				
% Moisture	ND	0.1	%							
Blank (P1E1702-BLK3)				Prepared &	Analyzed:	05/17/21				
% Moisture	ND	0.1	%							
Duplicate (P1E1702-DUP1)	Sou	rce: 1E14031-	01	Prepared &	Analyzed:	05/17/21				
% Moisture	4.0	0.1	%	4.0				0.00	20	
Duplicate (P1E1702-DUP2)	Sou	rce: 1E14021-	07	Prepared & Analyzed: 05/17/21						
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P1E1702-DUP3)	Sou	rce: 1E14017-	15	Prepared & Analyzed: 05/17/21						
% Moisture	16.0	0.1	%		18.0			11.8	20	
Duplicate (P1E1702-DUP4)	Sou	rce: 1E14017-	25	Prepared &	Analyzed:	05/17/21				
% Moisture	11.0	0.1	%		10.0			9.52	20	
Duplicate (P1E1702-DUP5)	Sou	rce: 1E14017-	40	Prepared &	Analyzed:	05/17/21				
% Moisture	5.0 0.1 % 14.0				94.7	20				
uplicate (P1E1702-DUP6)		rce: 1E14020-	03	Prepared &	Prepared & Analyzed: 05/17/21					
% Moisture	13.0	0.1	%	14.0			7.41	20		
Duplicate (P1E1702-DUP7)	Sou	rce: 1E14020-	18	Prepared &	Analyzed:	05/17/21				
% Moisture	11.0	0.1	%	*	11.0			0.00	20	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

Permian Basin Environmental Lab,	L.P.
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Analyte Batch P1E1702 - *** DEFAULT PREP ***	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Duplicate (P1E1702-DUP8)	Source: 1E14022-10		Prepared & Analyzed: 05/17/21							
% Moisture	5.0	0.1	%		6.0			18.2	20	
Duplicate (P1E1702-DUP9)	Source: 1E14028-02		Prepared & Analyzed: 05/17/21							
% Moisture	10.0	0.1	%		11.0			9.52	20	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1E1704 - TX 1005										
LCS (P1E1704-BS1)				Prepared &	Analyzed:	05/17/21				
C6-C12	1070	25.0	mg/kg wet	1000		107	75-125			
>C12-C28	987	25.0		1000		98.7	75-125			
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	60.3		"	50.0		121	70-130			
LCS Dup (P1E1704-BSD1)				Prepared &	Analyzed:	05/17/21				
C6-C12	1050	25.0	mg/kg wet	1000		105	75-125	1.66	20	
>C12-C28	979	25.0		1000		97.9	75-125	0.749	20	
Surrogate: 1-Chlorooctane	102		"	100		102	70-130			
Surrogate: o-Terphenyl	56.6		"	50.0		113	70-130			
Calibration Check (P1E1704-CCV1)				Prepared &	Analyzed:	05/17/21				
C6-C12	505	25.0	mg/kg wet	500		101	85-115			
>C12-C28	514	25.0	"	500		103	85-115			
Surrogate: 1-Chlorooctane	110		"	100		110	70-130			
Surrogate: o-Terphenyl	53.2		"	50.0		106	70-130			
Calibration Check (P1E1704-CCV2)				Prepared &	Analyzed:	05/17/21				
C6-C12	482	25.0	mg/kg wet	500		96.3	85-115			
>C12-C28	484	25.0		500		96.8	85-115			
Surrogate: 1-Chlorooctane	104		"	100		104	70-130			
Surrogate: o-Terphenyl	50.7		"	50.0		101	70-130			
Calibration Check (P1E1704-CCV3)				Prepared: (	)5/17/21 Ai	nalyzed: 05	/18/21			
C6-C12	442	25.0	mg/kg wet	500		88.3	85-115			
>C12-C28	464	25.0	"	500		92.8	85-115			
Surrogate: 1-Chlorooctane	97.4		"	100		97.4	70-130			
Surrogate: o-Terphenyl	47.1		"	50.0		94.2	70-130			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1E1704 - TX 1005										
Matrix Spike (P1E1704-MS1)	Source	e: 1E14029-	-01	Prepared: (	)5/17/21 A	nalyzed: 05	/18/21			
C6-C12	913	26.9	mg/kg dry	1080	ND	84.9	75-125			
>C12-C28	892	26.9	"	1080	13.5	81.7	75-125			
Surrogate: 1-Chlorooctane	129		"	108		120	70-130			
Surrogate: o-Terphenyl	54.0		"	53.8		100	70-130			
Matrix Spike Dup (P1E1704-MSD1)	Sourc	e: 1E14029-	-01	Prepared: (	)5/17/21 A	nalyzed: 05	/18/21			
C6-C12	916	26.9	mg/kg dry	1080	ND	85.2	75-125	0.359	20	
>C12-C28	885	26.9	"	1080	13.5	81.1	75-125	0.772	20	
Surrogate: 1-Chlorooctane	112		"	108		105	70-130			
Surrogate: o-Terphenyl	50.8		"	53.8		94.6	70-130			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare	Fax: (432) 563-2213
13000 West County Road 100	Project Number:	13636	
Odessa TX, 79765	Project Manager:	Tim McMinn	

### **Notes and Definitions**

R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
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

ner Barron

5/18/2021 Date:

Brent Barron, Laboratory Director/Technical Director

Report Approved By:

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

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

Permian Basin Environmental Lab, L.P.

Relinquished by:	Relinquished by	Relinquished by	Special Instructions:								Ç		LAB # (lab use only)			(lab use only)			City/State/Zip: Sampler Signature:	Company Address:	Company Name:	Design+ Manage	1 100 Raukin Hwy	
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Page 295 of 323

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



# Analytical Report

# **Prepared for:**

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

> Project: Crazy Wolf 1H Flare Project Number: 13636 Location: New Mexico

Lab Order Number: 1H23004



**Current Certification** 

Report Date: 08/30/21

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare
13000 West County Road 100	Project Number:	13636
Odessa TX, 79765	Project Manager:	Tim McMinn

### ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample Point 14	1H23004-01	Soil	08/18/21 14:00	08-23-2021 12:14
Bottom Hole 3 @ 4.5'	1H23004-02	Soil	08/18/21 15:00	08-23-2021 12:14

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare
13000 West County Road 100	Project Number:	13636
Odessa TX, 79765	Project Manager:	Tim McMinn

## Sample Point 14 1H23004-01 (Soil)

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		р	ermian R	asin Envi	ronmental L	ah. L.P.			
					i oninciitai i				
General Chemistry Parameters by 1	EPA / Stand	ard Met	noas						
% Moisture	ND	0.1	%	1	P1H2601	08/26/21 09:45	08/26/21 10:01	ASTM D2216	
	C251 ED		001534						
Total Petroleum Hydrocarbons C6-	C35 DY EPA	Method	8015M						
C6-C12	ND	25.0	mg/kg dry	1	P1H2412	08/24/21 16:04	08/25/21 00:44	TPH 8015M	
>C12-C28	53.8	25.0	mg/kg dry	1	P1H2412	08/24/21 16:04	08/25/21 00:44	TPH 8015M	
>C28-C35	ND	25.0	mg/kg dry	1	P1H2412	08/24/21 16:04	08/25/21 00:44	TPH 8015M	
Surrogate: 1-Chlorooctane		106 %	70-130		P1H2412	08/24/21 16:04	08/25/21 00:44	TPH 8015M	
Surrogate: o-Terphenyl		114 %	70-130		P1H2412	08/24/21 16:04	08/25/21 00:44	TPH 8015M	
Total Petroleum Hydrocarbon	53.8	25.0	mg/kg dry	1	[CALC]	08/24/21 16:04	08/25/21 00:44	calc	
C6-C35									

Permian Basin Environmental Lab, L.P.

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E Tech Environmental & Safety Solution 13000 West County Road 100 Odessa TX, 79765	ons, Inc. [1]		5	t Number:	Crazy Wolf 1 13636 Tim McMinn				
			В		ole 3 @ 4.5' -02 (Soil)				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
General Chemistry Parameters by	FPA / Standa			asin Envi	ronmental I	.ab, L.P.			
Chloride	20.0	1.04	mg/kg dry	1	P1H2902	08/29/21 14:08	08/30/21 01:55	EPA 300.0	
% Moisture	4.0	0.1	%	1	P1H2601	08/26/21 09:45	08/26/21 10:01	ASTM D2216	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare
13000 West County Road 100	Project Number:	13636
Odessa TX, 79765	Project Manager:	Tim McMinn

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1H2601 - *** DEFAULT PREP ***										
Blank (P1H2601-BLK1)				Prepared &	z Analyzed:	08/26/21				
% Moisture	ND	0.1	%	.1						
Blank (P1H2601-BLK2)				Prepared &	Analyzed:	08/26/21				
% Moisture	ND	0.1	%							
Blank (P1H2601-BLK3)				Prepared &	Analyzed:	08/26/21				
% Moisture	ND	0.1	%							
Blank (P1H2601-BLK4)				Prepared &	Analyzed:	08/26/21				
% Moisture	ND	0.1	%							
Duplicate (P1H2601-DUP1)	Sou	rce: 1H23003-	-04	Prepared &	Analyzed:	08/26/21				
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P1H2601-DUP2)	Sou	rce: 1H23004-	-02	Prepared &	Analyzed:	08/26/21				
% Moisture	3.0	0.1	%		4.0			28.6	20	R
Duplicate (P1H2601-DUP3)	Sou	rce: 1H23009-	-01	Prepared &	Analyzed:	08/26/21				
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P1H2601-DUP4)	Sou	rce: 1H25010-	-05	Prepared &	Analyzed:	08/26/21				
% Moisture	10.0	0.1	%		9.0			10.5	20	
Duplicate (P1H2601-DUP5)	Sou	rce: 1H25010-	-15	Prepared &	Analyzed:	08/26/21				
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P1H2601-DUP6)	Sou	rce: 1H25010-	-30	Prepared &	Analyzed:	08/26/21				
% Moisture	9.0	0.1	%		9.0			0.00	20	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare
13000 West County Road 100	Project Number:	13636
Odessa TX, 79765	Project Manager:	Tim McMinn

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1H2902 - *** DEFAULT PREP ***										
Blank (P1H2902-BLK1)				Prenared &	Analyzed:	08/29/21				
Chloride	ND	1.00	mg/kg wet	i ieparea a	e / maryzeu.	00/2//21				
LCS (P1H2902-BS1)				Prepared &	Analyzed:	08/29/21				
Chloride	417	1.00	mg/kg wet	400		104	90-110			
LCS Dup (P1H2902-BSD1)				Prepared &	Analyzed:	08/29/21				
Chloride	419	1.00	mg/kg wet	400		105	90-110	0.282	20	
Calibration Blank (P1H2902-CCB1)				Prepared &	Analyzed:	08/29/21				
Chloride	0.00		mg/kg wet							
Calibration Blank (P1H2902-CCB2)				Prepared: (	08/29/21 A	nalyzed: 08	8/30/21			
Chloride	0.00		mg/kg wet							
Calibration Check (P1H2902-CCV2)				Prepared: (	08/29/21 A	nalyzed: 08	3/30/21			
Chloride	20.8		mg/kg	20.0		104	90-110			
Calibration Check (P1H2902-CCV3)				Prepared: (	08/29/21 A	nalyzed: 08	8/30/21			
Chloride	20.8		mg/kg	20.0		104	90-110			
Matrix Spike (P1H2902-MS1)	Sou	rce: 1H24001	1-06	Prepared &	Analyzed:	08/29/21				
Chloride	846	1.20	mg/kg dry	602	116	121	80-120			QM-05
Matrix Spike (P1H2902-MS2)	Sou	rce: 1H17011	-23	Prepared: (	08/29/21 A	nalyzed: 08	3/30/21			
Chloride	9230	29.1	mg/kg dry	2910	6180	105	80-120			
Matrix Spike Dup (P1H2902-MSD1)	Sou	rce: 1H24001	1-06	Prepared &	Analyzed:	08/29/21				
Chloride	894	1.20	mg/kg dry	602	116	129	80-120	5.48	20	QM-05

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare
13000 West County Road 100	Project Number:	13636
Odessa TX, 79765	Project Manager:	Tim McMinn

Permian Basin	Environmental Lab, L.P.
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P1H2902 - *** DEFAULT PREP ***										
Matrix Spike Dup (P1H2902-MSD2)	Source: 1H17011-23			Prepared: 0	08/29/21 Ai	nalyzed: 08	/30/21			
Chloride	9200	29.1	mg/kg dry	2910	6180	104	80-120	0.300	20	

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare
13000 West County Road 100	Project Number:	13636
Odessa TX, 79765	Project Manager:	Tim McMinn

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

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1H2412 - TX 1005										
Blank (P1H2412-BLK1)				Prepared &	Analyzed:	08/24/21				
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	95.3		"	100		95.3	70-130			
Surrogate: o-Terphenyl	49.9		"	50.0		99.8	70-130			
LCS (P1H2412-BS1)				Prepared &	Analyzed:	08/24/21				
C6-C12	884	25.0	mg/kg wet	1000		88.4	75-125			
>C12-C28	793	25.0	"	1000		79.3	75-125			
Surrogate: 1-Chlorooctane	100		"	100		100	70-130			
Surrogate: o-Terphenyl	55.9		"	50.0		112	70-130			
LCS Dup (P1H2412-BSD1)				Prepared &	Analyzed:	08/24/21				
C6-C12	879	25.0	mg/kg wet	1000		87.9	75-125	0.500	20	
>C12-C28	797	25.0	"	1000		79.7	75-125	0.587	20	
Surrogate: 1-Chlorooctane	99.5		"	100		99.5	70-130			
Surrogate: o-Terphenyl	55.7		"	50.0		111	70-130			
Calibration Check (P1H2412-CCV1)				Prepared &	Analyzed:	08/24/21				
C6-C12	428	25.0	mg/kg wet	500		85.6	85-115			
>C12-C28	438	25.0	"	500		87.7	85-115			
Surrogate: 1-Chlorooctane	114		"	100		114	70-130			
Surrogate: o-Terphenyl	53.4		"	50.0		107	70-130			
Calibration Check (P1H2412-CCV2)				Prepared &	Analyzed:	08/24/21				
C6-C12	445	25.0	mg/kg wet	500		89.0	85-115			
>C12-C28	439	25.0	"	500		87.8	85-115			
Surrogate: 1-Chlorooctane	118		"	100		118	70-130			
Surrogate: o-Terphenyl	53.0		"	50.0		106	70-130			

Permian Basin Environmental Lab, L.P.

E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare
13000 West County Road 100	Project Number:	13636
Odessa TX, 79765	Project Manager:	Tim McMinn

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

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P1H2412 - TX 1005										
Calibration Check (P1H2412-CCV3) Prepared: 08/24/21 Analyzed: 08/25/21										
C6-C12	456	25.0	mg/kg wet	500		91.2	85-115			
>C12-C28	446	25.0	"	500		89.2	85-115			
Surrogate: 1-Chlorooctane	120		"	100		120	70-130			
Surrogate: o-Terphenyl	54.8		"	50.0		110	70-130			
Matrix Spike (P1H2412-MS1)	Sou	rce: 1H23005	5-04	Prepared: (	08/24/21 A	nalyzed: 08				
C6-C12	863	26.6	mg/kg dry	1060	ND	81.1	75-125			
>C12-C28	922	26.6	"	1060	228	65.3	75-125			QM-05
Surrogate: 1-Chlorooctane	137		"	106		129	70-130			
Surrogate: o-Terphenyl	54.6		"	53.2		103	70-130			
Matrix Spike Dup (P1H2412-MSD1)	Sou	rce: 1H23005	5-04	Prepared: (	08/24/21 A	nalyzed: 08	/25/21			
C6-C12	942	26.6	mg/kg dry	1060	ND	88.6	75-125	8.80	20	
>C12-C28	991	26.6	"	1060	228	71.7	75-125	9.37	20	QM-05
Surrogate: 1-Chlorooctane	104		"	106		98.0	70-130			
Surrogate: o-Terphenyl	54.5		"	53.2		102	70-130			

Permian Basin Environmental Lab, L.P.

l	E Tech Environmental & Safety Solutions, Inc. [1]	Project:	Crazy Wolf 1H Flare
l	13000 West County Road 100	Project Number:	13636
	Odessa TX, 79765	Project Manager:	Tim McMinn

#### **Notes and Definitions**

- QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- BULK Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range

DET Analyte DETECTED

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference
- LCS Laboratory Control Spike
- MS Matrix Spike

Report Approved By:

Dup Duplicate

Bun Barron

8/30/2021

Brent Barron, Laboratory Director/Technical Director

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

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

Permian Basin Environmental Lab, L.P.

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.

Date:

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Released to Imaging: 11/17/2021 8:21:01 AM

# Received by OCD: 10/9/2021 12:00:16 AM

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# **APPENDIX C**

**Soil Boring Log** 

**Closure Request and Remediation Summary Report Crazy Wolf 1 2 B2MM Fed COM 1H** 



# Received by OCD: 10/9/2021 12:00:16 AM

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PI	ROJECT	۲ NO. 12926	L	OG OF SOIL	BORING	CW1	SHEET 1 of 1				
	JECT NAM				DATE DRILLED:		DATE PLUGGED:				
	azy Wolf	f 1H			12/1/2020		12/4/2020				
CLIE		Resource Develo	onment I	nc	LOGGED BY:		APPROVED BY:				
	JECT LOC		opinent, i		S. English						
	a County	-				-103.72374100°	GROUND SURFACE ELEVATION: 3674 feet MSL				
Depth (ft)	Elevation (ft)		Descrip	otion	Graphic Log	Well	Additional Data				
0 +	3670 	Sand & Clay: Sand: moderately sorted, m quartz. Clay: 7.5 YR	edium to fin	e, subrounded to rounded,	SC1	Cu 31	ble plugged 12/4/2020. Ittings backfilled into hole from 100 to eet. Idrated bentonite from 3 to 0 feet.				
15   20   25   30	3660 3655 3650 3645	moderately sorted, m	edium to fin	ow to 2.5 YR 8/3 pink, e, subrounded to rounded, R 9/1 white, calcareous.	Sandstone	No	o groundwater present in well.				
35   40   45   50   55   60   65	3640 3635 3630 3625 3620 3615 3610	Claystone: 2.5 YR 6/ sands	/4 light reddi	sh brown, hard. Trace	Claystone						
70	3605 	Sandy clay & Gravel: moderately sorted, ar light reddish brown, h multicolored, pebble t	ngular to rou nard. Gravel	icolored, fine to very fine, inded. Clay: 2.5 YR 6/4 I: poorly sorted,							
80 -	3595	Sandy Clay: Sand: m moderately sorted, ar light reddish brown, h	ngular to rou	fine to very fine, inded. Clay: 2.5 YR 6/4	SC						
85	3590	Sandy Clay & Gravel: moderately sorted, ar	: Sand: mul ngular to rou	ticolored, fine to very fine, inded. Clay: 2.5 YR 6/4							
90 -	3585		to granule. nulticolored,	coarse to very fine, poorly							
95	- 3580 - - - 3575	brown, hard.									
100	3373	Boring t	terminated a	t 100 feet bgs.		4					
e	<b>TEC</b> Environ	H Safety Solut	) tions, Inc.	Midland, T	al & Safety Solu ox 8469 exas 79708 chenv.com	DRILL CONT	ING METHOD: <b>Air Rotary</b> RIG: <b>Reichdrill</b> RACTOR: <b>Talon LPE</b> ATOR: <b>Tom Evans</b>				

# **APPENDIX D**

# **Release Notification and Corrective Action Form (Form C-141)**

**Closure Request and Remediation Summary Report Crazy Wolf 1 2 B2MM Fed COM 1H** 



<u>District 1</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Road, Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505

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State of New Mexico Energy Minerals and Natural Resources Department

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

)

Incident ID	nAPP2100455356
District RP	
Facility ID	
Application ID	

# **Release Notification**

# **Responsible Party**

Responsible Party: Centennial Resource Production, Inc	OGRID: 372165					
Contact Name: Jamon Hohensee	Contact Telephone: 432-241-4283					
Contact email: jamon.hohensee@cdevinc.com	Incident # nAPP2100455356					
Contact mailing address: 500 W. Illinois Ave, Suite 500, Midland Texas 79705	1					

# Location of Release Source

Latitude 32.6830216\_

\_\_\_\_\_ Longitude -103.724171\_ (NAD 83 in decimal degrees to 5 decimal places)

Site Name: Crazy Wolf 1 2 B2MM Fed Com 1H	Site Type: Production Facility
Date Release Discovered: 1/3/21	API# (if applicable)

Unit Letter	Section	Township	Range	County	
М	01	198	32E	Lea	

Surface Owner: State Federal Tribal Private (Name:

# Nature and Volume of Release

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

Volume Released (bbls) 75	Volume Recovered (bbls) 60
Volume Released (bbls)	Volume Recovered (bbls)
Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Volume Released (bbls)	Volume Recovered (bbls)
Volume Released (Mcf)	Volume Recovered (Mcf)
Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
	Volume Released (bbls)         Is the concentration of dissolved chloride in the produced water >10,000 mg/l?         Volume Released (bbls)         Volume Released (Mcf)

Cause of Release:

Oil dump valve was stuck due to material blocking the outlet. This resulted in flooding the gun barrel and releasing material. Site was secured and release was stopped. Site will be remediated to OCD standards.

orm C-141	State of N	New Mexico	Г	t 1 JD	
nge 2	Oil Conserv	vation Division		Incident ID	
C				District RP	
				Facility ID	
				Application ID	
Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason Larger than 25bbls rel	on(s) does the responsible p leased.	arty consider th	nis a major release	e?
🛛 Yes 🗌 No					
If YES, was immediate r Yes, email was sent to Ji	otice given to the OCD? m Griswold and OCD di	? By whom? To whom? V ist 1 spills email.	When and by wh	nat means (phone,	, email, etc)?
:		Initial Respon	ise		
The responsible	party must undertake the follo	wing actions immediately unless t	hey could create a	safety hazard that wo	uld result in injury
<ul><li>The source of the rel</li><li>The impacted area has</li></ul>		ct human health and the env			
		he use of berms or dikes, at ve been removed and manag			ent devices.
	ecoverable materials hav	ve been removed and manag			ent devices.
All free liquids and r	ecoverable materials hav	ve been removed and manag			ent devices.
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All free liquids and r If all the actions describe Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containmen I hereby certify that the info regulations all operators are public health or the environ failed to adequately investig addition, OCD acceptance o and/or regulations. Printed Name: Jamon Ho Signature:	Ac the responsible part a narrative of actions to nt area (see 19.15.29.11( rmation given above is true required to report and/or fi ment. The acceptance of a sate and remediate contamin f a C-141 report does not re- hensee	ve been removed and manag indertaken, explain why: ty may commence remediat o date. If remedial efforts H (A)(5)(a) NMAC), please at e and complete to the best of m ile certain release notifications C-141 report by the OCD does nation that pose a threat to grou elieve the operator of responsil Title: Sr. Environment Date Telephone: 432-241-428	ion immediatel nave been succ tach all information and perform cor- s not relieve the co- undwater, surfact- pility for complia- al Analyst : 1-26-2	ly. y after discovery essfully complete ation needed for c d understand that purective actions for r operator of liability e water, human heal ince with any other	of a release. If remediation ed or if the release occurred closure evaluation. ursuant to OCD rules and eleases which may endanger should their operations have th or the environment. In
All free liquids and r If all the actions describe Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containment I hereby certify that the infor regulations all operators are public health or the environ failed to adequately investig addition, OCD acceptance of and/or regulations. Printed Name: Jamon Ho Signature:	Ac the responsible part a narrative of actions to nt area (see 19.15.29.11( rmation given above is true required to report and/or fi ment. The acceptance of a sate and remediate contamin f a C-141 report does not re- hensee	ve been removed and manag indertaken, explain why: ty may commence remediat o date. If remedial efforts H (A)(5)(a) NMAC), please at e and complete to the best of m ile certain release notifications C-141 report by the OCD does nation that pose a threat to grou elieve the operator of responsil Title: Sr. Environment Date Telephone: 432-241-428	ion immediatel nave been succ tach all information of the perform con- sonot relieve the co- undwater, surface pility for complianal al Analyst $\frac{1}{2}$	ly. y after discovery essfully complete ation needed for c d understand that purective actions for r operator of liability e water, human heal ince with any other	of a release. If remediation ed or if the release occurred closure evaluation. ursuant to OCD rules and eleases which may endanger should their operations have th or the environment. In

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

# Site Assessment/Characterization

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

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

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

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

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data

- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within 1/2-mile of the lateral extents of the release
- Boring or excavation logs Photographs including date and GIS information
- Topographic/Aerial maps

2021 12:00:16

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- Laboratory data including chain of custody

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

Form C-141 Page 4	State of New Mexico Oil Conservation Division	Incident ID District RP Facility ID Application ID
regulations all operators ar public health or the environ failed to adequately investi	nment. The acceptance of a C-141 report by the OCD does a igate and remediate contamination that pose a threat to grour	knowledge and understand that pursuant to OCD rules and nd perform corrective actions for releases which may endanger not relieve the operator of liability should their operations have adwater, surface water, human health or the environment. In lity for compliance with any other federal, state, or local laws
Printed Name:	Title:	
Signature:		
email:	Telepho	ne:
OCD Only		
Received by:	Γ	Date:

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Form C-141 Page 5 B

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

# **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be included in the plan.
Detailed description of proposed remediation technique
Scaled sitemap with GPS coordinates showing delineation points
Estimated volume of material to be remediated Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
Extents of contamination must be fully delineated.
Contamination does not cause an imminent risk to human health, the environment, or groundwater.
I hereby certify that the information given chose is true and correlate to the basis for the 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases
which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of
liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of
responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: Title:
Signature: Date:
email: Telephone:
OCD Only
Received by: Date:
Approved Approved with Attached Conditions of Approval Denied Deferral Approved
Signature: Date:

Form C-141 Page 6

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

# Closure

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

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

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

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

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

Description of remediation activities

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

Printed Name:	Title:	Weinte state die 1 - 1 - 1
Signature:		
email:	Telephone:	
OCD Only Received by:	Date:	
Closure approval by the OCD does not relieve remediate contamination that poses a threat to g party of compliance with any other federal, sta Closure Approved by: Printed Name:	the responsible party of liability should their operations have failed to a groundwater, surface water, human health, or the environment nor does nate, or local laws and/or regulations.	idequately investigate and not relieve the responsible
Closure Approved by:	Date:	
Printed Name:	Title:	
OCD:		
ved by		
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State of New Mexico Energy Minerals and Natural Resources Department

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

Incident ID	nAPP2106743129
District RP	
Facility ID	
Application ID	20007

# **Release Notification**

# **Responsible Party**

Responsible Party: Centennial Resource Production, Inc	OGRID: 372165
Contact Name: Jamon Hohensee	Contact Telephone: 432-241-4283
Contact email: jamon.hohensee@cdevinc.com	Incident # nAPP2106743129
Contact mailing address: 500 W. Illinois Ave, Suite 500, Midland Texas 79705	1

# Location of Release Source

Latitude 32.68302

Longitude <u>-103.72417</u>

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Crazy Wolf 1 2 B2MM Fed Com 1H	Site Type: Production Facility
Date Release Discovered: 2/19/21	API# (if applicable)

Unit Letter	Section	Township	Range	County
M	1	19S	32E	Lea

Surface Owner: State K Federal Tribal Private (Name:

# Nature and Volume of Release

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

Volume Released (bbls) 105	Volume Recovered (bbls) 75
Volume Released (bbls)	Volume Recovered (bbls)
Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Volume Released (bbls)	Volume Recovered (bbls)
Volume Released (Mcf)	Volume Recovered (Mcf)
Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
	Volume Released (bbls)Is the concentration of dissolved chloride in the produced water >10,000 mg/l?Volume Released (bbls)Volume Released (Mcf)

Cause of Release: A frozen oil dump valve caused oil to be released from the separator and flare. There was no fire. The release was located around the separation equipment and flare. There was a misting of oil to the northwest. The site will be remediated to state standards. There are two other reported spills at the location that will be remediated at the same time: nRM2024537991 and nAPP2100455356.

	State of New Mexico	T + +	
re 2	Oil Conservation Division	Incident ID	NAPP2106743129
<b>5</b> =		District RP	
		Facility ID	A
orm C-141 age 2 Oi		Application	D
Was this a major release as defined by 19.15.29.7(A) NMAC? Xes No	If YES, for what reason(s) does the responsible Volume released was greater than 25bbls.	party consider this a major rele	ease?
If YES, was immediate r Yes, email notification v submitted on 3/8/21.	notice given to the OCD? By whom? To whom? was given to Jim Griswold on 2/20/21. Also, a NOR	When and by what means (pho on the OCD permitting webs	one, email, etc)? ite was filled out and
	Initial Respon	nse	
The responsible	e party must undertake the following actions immediately unless	they could create a safety hazard that	t would result in injury
	laara kas barn eterra J		
	lease has been stopped.		
The impacted area h	as been secured to protect human health and the en-	vironment.	
🛛 Released materials h	or to be an experiment when the same of the second state		
	ave been contained via the use of berms or dikes, a	bsorbent pads, or other contain	nment devices.
		-	nment devices.
All free liquids and r	recoverable materials have been removed and mana ed above have <u>not</u> been undertaken, explain why:	-	nment devices.
All free liquids and n If all the actions describe Per 19.15.29.8 B. (4) NM has begun, please attach within a lined containme I hereby certify that the info regulations all operators are public health or the environ	AAC the responsible party may commence remedia a narrative of actions to date. If remedial efforts an arrative of actions to date. If remedial efforts and a commation given above is true and complete to the best of r e required to report and/or file certain release notifications amount. The acceptance of a C-141 report by the OCD doe	ged appropriately. tion immediately after discove have been successfully comp ttach all information needed fe ny knowledge and understand that and perform corrective actions f s not relieve the operator of liabi	ery of a release. If remediati leted or if the release occurr or closure evaluation. t pursuant to OCD rules and or releases which may endanged ity should their operations have
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🎇 Form C-141 e fo Page 3

State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

# Site Assessment/Characterization

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

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

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

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

Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells. Field data

- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within <sup>1</sup>/<sub>2</sub>-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps

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Laboratory data including chain of custody

Received by OCD:=10/9/2021 the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation an. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan nd methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 9.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141 Page 4	State of New Mexico Oil Conservation Division	Incident ID District RP Facility ID Application ID	
I hereby certify that the info regulations all operators are public health or the environ failed to adequately investig	prmation given above is true and complete to the b required to report and/or file certain release notifi ment. The acceptance of a C-141 report by the OC gate and remediate contamination that pose a threa of a C-141 report does not relieve the operator of re	cations and perform corrective actions for releaded CD does not relieve the operator of liability sho t to groundwater, surface water, human health	ases which may endanger ould their operations have or the environment. In
Printed Name:		Title:	
Signature:		Date:	
email:		Telephone:	
OCD Only			
Received by:		Date:	

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State of New Mexico Oil Conservation Division

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

Incident ID	
District RP	
Facility ID	
Application ID	

# **Remediation Plan**

<ul> <li>Detailed description of proposed remediation technique</li> <li>Scaled sitemap with GPS coordinates showing delineation points</li> <li>Estimated volume of material to be remediated</li> <li>Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC</li> <li>Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)</li> </ul>			
Deferral Requests Only: Each of the following items must be con	firmed as part of any request for deferral of remediation.		
Contamination must be in areas immediately under or around pr deconstruction.	oduction equipment where remediation could cause a major facility		
Extents of contamination must be fully delineated.			
Contamination does not cause an imminent risk to human health	, the environment, or groundwater.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.			
Printed Name:	Title:		
Signature:	Date:		
email:	Telephone:		
OCD Only			
Received by:	Date:		
Approved Approved with Attached Conditions of A	Approval Denied Deferral Approved		
Signature:	Date:		

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State of New Mexico Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

# Closure

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

Closure Report Attachment Checklist, Each of the following	itans must be included in the closure	
Closure Report Attachment Checklist: Each of the following a	uems musi de incluaea in the closure report.	
A scaled site and sampling diagram as described in 19.15.29.11 NMAC		
Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)		
Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)		
Description of remediation activities		
and regulations all operators are required to report and/or file certai may endanger public health or the environment. The acceptance of	ations. The responsible party acknowledges they must substantially nditions that existed prior to the release or their final land use in	
Printed Name:	Title:	
Signature:	Date:	
email:	Telephone:	
OCD Only		
Received by:	Date:	
Closure approval by the OCD does not relieve the responsible party mediate contamination that poses a threat to groundwater, surface or arty of compliance with any other federal, state, or local laws and/or losure Approved by:		
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Kec		

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

District II

District IV

Phone:(575) 393-6161 Fax:(575) 393-0720

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

Phone:(505) 334-6178 Fax:(505) 334-6170

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

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

Action 20047

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

### CONDITIONS OF APPROVAL

Operator:			OGRID:	Action Number:	Action Type:
CENTENNIAL RESOURCE PRODUCTION	1001 17th Street, Suite 1800	Denver, CO80202	372165	20047	C-141
OCD Reviewer		Condition			
ceads		None			

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

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170 District IV

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

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

CONDITIONS

Operator:	OGRID:
CENTENNIAL RESOURCE PRODUCTION, LLC	372165
1001 17th Street, Suite 1800	Action Number:
Denver, CO 80202	54891
	Action Type:
	[C-141] Release Corrective Action (C-141)

#### CONDITIONS

Created By	Condition	Condition Date
chensley	None	11/17/2021

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Action 54891