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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	NAB1907841837
District RP	1RP-5399
Facility ID	fAB1907841396
Application ID	pAB1907841569

Release Notification

Responsible Party

Responsible Party CHISHOLM ENERGY OPERATING, LLC	OGRID 372137
Contact Name TIM GREEN/JENNIFER ELROD	Contact Telephone 432-413-9747
Contact email tgretgreen@chisholmenergy.com/jelrod@chisholmenergy.com	Incident # *(assigned by OCD)* NAB1907841837
Contact mailing address 801 CHERRY STREET, SUITE 1200-UNIT 20, FORT WORTH, TX 76102	

Location of Release Source

Latitude 32.652795 Longitude --103.713401

(NAD 83 in decimal degrees to 5 decimal places)

**DIAMONDBACK 24-25 FED COM BATTERY Per Tim Green @ 3/19/2019 AB

Site Name DIAMONDBACK PAD LOCATION	Site Type WELL PAD LOCATION **TANK BATTERY
Date Release Discovered 03/03/2019	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
A	24	19S	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)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 520 BBLS	Volume Recovered (bbls) 260 BBLS
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release FITTING BUSTED ON PIPE BETWEEN TANK AND 3BEAR FIELD SERVICES WATER PUMP

CALCULATED AMOUNT SPILLED BY USING AMOUNT THAT HAD RUN THROUGH LACT METER SUBTRACTED BY AMOUNT LEFT IN TANK.

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

Incident ID	NAB1907841837
District RP	1RP-5399
Facility ID	fAB1907841396
Application ID	pAB1907841569

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? OVER 25 BBLS SPILLED

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
NOTICE WAS GIVEN 03/04/2019 TO DIST 1 OCD OFFICE

Initial Response

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

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

If all the actions described above have not been undertaken, explain why:
Jim Amos w/BLM met with Tim Green on location; location has been scraped and Jim also asked that all wet sand off location be dug out to below spill level on the south, east, and north side of location.

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

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

Printed Name: JENNIFER ELROD Title: SR. REGULATORY ANALYST

Signature: Jennifer Elrod Date: 03/06/2019

email: JELROD@CHISHOLMENERGY.COM Telephone: 817-953-3728

OCD Only

Received by: Amelia Barrameda Date: 3/19/2019

State of New Mexico
Oil Conservation Division

Incident ID	nAB1907841837
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?	>110 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☒ Yes ☐ No

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

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

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

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

State of New Mexico
Oil Conservation Division

Incident ID	nAB1907841837
District RP	
Facility ID	
Application ID	

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

Printed Name: ___Jeff Kindley_____ Title: _____Senior Geologist_____

Signature: Jeff Kindley Date: _____June 26, 2023_____

email: ____jkindley@ntglobal.com_____ Telephone: __432-967-6544_____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAB1907841837
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☒ Extents of contamination must be fully delineated.

☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: ___Jeff Kindley_____ Title: _____Senior Geologist_____

Signature: Jeff Kindley Date: __June 26, 2023_____

email: _jkindley@ntglobal.com_____ Telephone: ___432-967-6544_____

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2201934969
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?	>110 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2201934969
District RP	
Facility ID	
Application ID	

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

Printed Name: ___Jeff Kindley_____ Title: _____Senior Geologist_____

Signature: Jeff Kindley Date: _____June 26, 2023_____

email: ____jkindley@ntglobal.com_____ Telephone: __432-967-6544_____

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2201934969
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: ___Jeff Kindley_____ Title: _____Senior Geologist_____

Signature: Jeff Kindley Date: __June 26, 2023_____

email: _jkindley@ntglobal.com_____ Telephone: ___432-967-6544_____

OCD Only

Received by: _____ Date: _____

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

Signature: _____ Date: _____

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	nAPP2300652445
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Earthstone Operating, LLC	OGRID
Contact Name Chris Martin	Contact Telephone
Contact email CMartin@earthstoneenergy.com	Incident # *(assigned by OCD)*
Contact mailing address 600 N. Marienfeld Suite 1000, Midland, Texas 79701	

Location of Release Source

Latitude 32.652962 Longitude -103.712913
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Diamondback 24-25 CTB	Site Type Tank Battery
Date Release Discovered 12/25/2022	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
A	24	19S	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) 100	Volume Recovered (bbls) 70
☒ Produced Water	Volume Released (bbls) 30	Volume Recovered (bbls) 10
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

Equipment failure from gasket on the fire tube of a heater treater. Repairs have been made and the release stopped.

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2300652445
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Spill is over 25 BBLS

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

Immediate notice was given by Chris Martin via email (CMartin@earthstoneenergy.com) to Rosa Romero via email (RosaM.Romero@emnrd.nm.gov) and OCD (ocd.enviro@state.nm.us) at 4:38 PM MT on 12/25/22.

Initial Response

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

☒ The source of the release has been stopped.

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

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

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

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

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

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

Printed Name: Rebecca Haskell Title: Senior Project Manager

Signature: Rebecca Haskell Date: 1/6/2023

email: bhaskell@ntglobal.com Telephone: 432-766-1918

OCD Only

Received by: Date:

701 Tradewinds Blvd
Midland, Texas 79707
Tel. 432-766-1918
www.ntgenvironmental.com

March 12, 2024

Mike Bratcher
District Supervisor
Oil Conservation Division, District 1
1625 N. French Drive
Hobbs, New Mexico 88210

Re: Site Characterization and Deferral Request
Diamondback 24-25 Fed Com Battery
Earthstone Operating, LLC (Permian Resources)
Incident IDs: nAB1907841837/nAPP2201934969/nAPP2300652445
A-24-19S-32E, Lea County, New Mexico

1. Introduction

On behalf of Permian Resources (Permian), formerly Earthstone Operating, LLC (Earthstone), New Tech Global Environmental, LLC (NTGE) has prepared this Site Characterization and Deferral Request Report for the NMOCD District 1 Office in Hobbs New Mexico for documentation of site assessment, sampling, remedial action activities, and analysis at the Diamondback 24-25 Fed Com Battery Release Site (Site). The Site is located within Unit Letter A, Section 24 of Township 19 South and Range 32 East in Lea County, New Mexico. The GPS coordinates for the release sites are 32.652795° N latitude and -103.713401° W Longitude for nAB1907841837, 32.65271° N latitude and -103.71361° W Longitude for nAPP2201934969, and 32.652962° N Latitude and -103.712913° W Longitude for nAPP2300652445. The release occurred on land managed by the Bureau of Land Management (BLM). Figure 1 depicts the site location with respect to the nearest town and Figure 2 shows the topographic map of the site. Figure 3 depicts the initial footprint of the release.

2. Background

Based on the initial C-141 for nAB1907841837, obtained from the New Mexico Oil Conservation Division (NMOCD), the initial release occurred on March 3, 2019, as the result of a fitting busting on a pipe between a tank and 3Bear Field Services water pump. At the time of this release, the responsible party was Chisholm Energy Operating, LLC (Chisholm). Approximately five hundred twenty (520) barrels (bbls) of produced water were released with two hundred sixty (260) recovered for a net loss of two hundred sixty (260) bbls. A vac truck was called, and soil was pushed and stockpiled to prevent further spread of fluids.

Chisholm had a second release on January 8, 2022. A C-141 was not submitted by Chisholm for this release. According to the Notice of Release (NOR) forty (40) bbls of crude oil and thirty (30) bbls of produced water were released, with twenty-five (25) bbls of crude oil and fifteen (15) bbls of produced water recovered for a net loss of fifteen (15)

bbls of crude oil and fifteen (15) bbls of produced water.

A third C-141, Release Notification, was submitted to the NMOCD for this facility on December 25, 2022. The C-141 stated that one hundred (100) bbls of crude oil and thirty (30) bbls of produced water were released with seventy (70) bbls of crude oil and ten (10) bbls of produced water recovered for a net loss of thirty (30) bbls of crude oil and twenty (20) bbls of produced water. The release was due to equipment failure from a gasket on a fire tube of the heater treater. Repairs were made and vac truck was called to remove any free liquids.

The NMOCD assigned the releases with Incident Numbers nAB1907841837, nAPP2201934969, and nAPP2300652445 for the three (3) releases, respectively. The Release Notifications, Site Assessment/Characterization, and Deferral Plan portions of Form C-141 are attached to the front of this report.

3. Groundwater and Site Characterization

NTGE characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release (Table I), from New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12)

The Site is in an area of low karst potential. Based on a review of the New Mexico Office of State Engineers and USGS databases, there were no known depth to groundwater sources and or features within a ½-mile radius of the location. On June 13, 2023, NTGE oversaw the installation of a temporary groundwater well by HCI Drilling on the northeast edge of the Diamondback facility to a depth of one hundred and ten (110) feet (ft) below ground surface (bgs). The well was gauged on June 16, 2023, and found to be dry. The well was then plugged on June 19, 2023. See attached temporary well log diagram in Appendix A. The location of the temporary well is depicted on Figures 4, 5, and 5A. No other receptors (water wells, playas, wetlands, waterways, lakebeds or ordinance boundaries) are located within each specific boundary or distance from the Site. The site characterization documentation (NM Oil and Gas Map, Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are provided as Attachment A. According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i), the Site is located within an area with a depth to groundwater that meets the Closure Criteria for greater than one-hundred (100) feet in Table I. The soil and Closure Criteria are listed below:

General Site Characterization and Groundwater: Table 3.1

Site Characterization	Average Groundwater Depth (ft)
Low Karst, TMW-1 (northeast corner of site)	>110’

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+DRO)	BTEX	Benzene

19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
19.15.29.13 NMAC Table I Closure Criteria for Soils Surface to 4 Feet Below Ground	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
Notes: --- = not defined					

4. Initial Soil Delineation Assessment Summary and Findings

On January 5, 2023, NTGE mobilized to the site to conduct an initial assessment whereby six (6) vertical sample points (S-1 through S-6) and eight (8) horizontal sample points (H-1 through H-8) were installed to delineate the area vertically and horizontally. The samples were collected from depths ranging from zero (0) to five and a half (5.5) ft bgs (ft bgs) and collected in one (1) foot intervals with a geotechnical hand auger. The samples were submitted to Eurofins in Carlsbad, New Mexico for analysis of benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, total petroleum hydrocarbons (TPH) by Method 8015 modified, and chloride by Method 300.0 Analysis indicated that three (3) samples (S-1, S-2, and S-4) displayed TPH and/or chloride concentrations that exceeded Table 1 Closure Criteria per rule 19.15.29.13 for surface to four (4) feet bgs. Analytical results also indicated that four (4) horizontal samples (H-5 through H-8) exhibited TPH concentrations above Table 1 Closure Criteria for rule 19.15.29.13.

During the month of March on 7, 10, 13, 15, 16, 2023, NTGE and Standard mobilized to the site to perform further delineation activities associated with impacted soils regarding the non-reportable spill. On March 7, and 10, NTGE installed multiple sample points on the well pad and pasture at varying depths to vertically delineate the impacted soils and were installed via a geo technical hand auger. The samples collected were submitted to Eurofins in Carlsbad, New Mexico for analysis of BTEX, TPH, and chlorides. At this time of remedial activities, the Temporary Monitor Well (TMW-1) was not installed yet and site-specific thresholds were held to the strictest standards. Analysis indicated that samples S-5 through S-15 at varying depths displayed levels of TPH and/or chlorides above thresholds for Table I Closure Criteria.

On March 13, 2023, NTGE and Standard mobilized to the site to perform additional delineation activities to obtain deeper samples via a backhoe and assess the vertical extent of impact in areas S-7 through S-9, as well as installed a test pit location near the heater treater, TP-1. Vertical samples S-7 through S-9, and TP-1 were excavated to depths ranging from three (3) feet to thirteen (13) feet bgs. The samples were submitted to Eurofins in Carlsbad, New Mexico for analyses of BTEX, TPH, and chlorides. Analysis indicated that samples S-7 through S-9 displayed BTEX, TPH, and chloride

concentrations above Table I Closure Criteria. Text pit sample TP-1 displayed chloride concentrations above Table I Closure Criteria.

On March 15 and 16, 2023, further remedial activities were conducted by NTGE and Standard to assess vertical extents of impacted soils. Standard installed deeper samples for S-10, and installed new sample points NS-10, SS-10, and TP-2, to vertically and horizontally delineate that specific area east of the heater treater in the pasture. The samples and test pit location were excavated to depths ranging from six (6) feet to nineteen (19) feet bgs. The samples were submitted to Cardinal Laboratories in Hobbs, New Mexico for analysis of BTEX, TPH, and chlorides. Analysis indicated that samples S-10, NS-10, SS-10, and TP-2 were above the Table I Closure Criteria for chlorides at varying depths. Due to the exceedances above, further remedial activities were required, and the closure report due by March 25, 2023, NTGE submitted an extension request on March 23, 2023 to the NMOCD for an additional 90 days. The NMOCD granted approval for the request on March 24, 2023.

On June 13, 2023, NTGE and Harrison and Cooper, Inc mobilized to the site to install the Temporary Monitor Well on the northeast corner of the pad. Additionally, the Temporary Well was installed to further delineate the area. The well was installed with an air-rotary drilling rig to a depth of one hundred ten feet (ft) below ground surface (bgs). No groundwater was detected and the well was found dry at one-hundred and ten (110) bgs. Samples were also collected at varying depths while the well was being drilled and collected at varying depths from three (3) feet to fifty (50) feet bgs. Samples were analyzed for BTEX, TPH, and chlorides. All samples were below standards. Future activities from this point forward for sample collection and thresholds are now held to groundwater greater than 100 feet bgs.

On July 10, 2023, Earthstone had a non-reportable release which occurred due to a gasket leak on the heater treater, which sprayed oil around the area with some liquid pooling. The release was a crude oil release of four (4) bbls, of which two and one half (2.5) bbls were recovered. NTGE mobilized to the site again on July 31, 2023, to conduct delineation activities to assess the vertical extent of impacts in that area. Samples S-16, S-17, and S-20 were installed with a geotechnical hand auger and collected samples with depths ranging from zero to six inches (0-6”) bgs and four to four-and-a-half (4-4.5) feet bgs for S-16 and S-20. Sample S-20 was collected with depths ranging from four to four-and-a-half (4-4.5) feet to eight and eight-and-a-half (8-8.5) feet bgs. Samples were submitted to Eurofins in Carlsbad, New Mexico and analyzed for BTEX, TPH, and chlorides. Analysis exhibited BTEX, TPH, and chloride concentrations above limits in S-17 for all sample depths, and S-20 at (0-6”) inches above limits for TPH and chlorides.

On August 1, 15, and 16, 2023, NTGE returned to the site to conduct further delineation activities to assess the horizontal and vertical extent of impacts. NTGE installed further delineation samples on August 1, 2023, for sample points S-18 through S-24 at varying depths bgs. Additionally, seven (7) hand auger borings (H-9 through H-15) were installed around the impacted area to assess horizontal impacts. The samples were submitted to Cardinal labs in Hobbs, New Mexico and analyzed for BTEX, TPH, and chlorides. Analysis indicated that two samples (H-13 and H-14) exhibited TPH and chloride

concentrations that exceeded Table I Closure Criteria.

On August 15 and 16, 2023, NTGE installed multiple horizontal delineation samples and several vertical delineation samples to assess the extent of impacts. Horizontal and vertical delineation samples (H-4A, H-10A, H-11A, [H-12A(VH-12] through H-15A [VH-15], and H-16), along with S-25 and S-26) were collected at varying depths from surface to five and five-and-a-half (5-5.5) feet bgs in order to achieve delineation. All samples were submitted to Cardinal in Hobbs, New Mexico and analyzed for BTEX, TPH, and chlorides. Analysis indicated that VH-13 at (0-6") and VH-14 at (0-6") exhibited chloride concentrations above Table I Closure Criteria for surface to four (4) feet bgs per rule 19.15.29.13. Figure 3 depicts the initial delineation sample locations, analytical results are provided on Table 1, Summary of Soil Analytical Data – Delineation Samples, while laboratory reports are included in Appendix D.

5. Remedial Action Activities and Confirmation Sampling

Composite bottom hole and sidewall confirmation samples were collected by way of five (5) point composite samples from areas representing no greater than two hundred square feet. The confirmation samples were analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B or 300.0).

NTGE and Standard returned to the site to perform remedial activities and conduct confirmation sampling events due to the exceedances discussed above. Between August 17, 2023, and August 30, 2023, NTGE collected one hundred and fifteen (115) bottom hole confirmation samples (CS-1 through CS-115), and forty (40) Sidewall Confirmation Samples (SW-1 through SW-40). Analytical results indicated that SW-10 and SW-11 were above chloride concentrations for 19.15.29.13, and SW-12, SW-13, were above Table I Closure Criteria for TPH.

On September 19, 2023, NTGE conducted a confirmation sampling event whereby eleven (11) bottom hole confirmation samples (CS-116 through CS-126) and fifteen (15) sidewall confirmation samples (SW-41 through SW-55) were collected. Analytical results indicated that CS-116 and CS-117 exhibited TPH concentrations that exceeded Table I Closure Criteria, while CS-125, SW-41, SW-44, and SW-50 through SW-53, exhibited TPH and/or chloride concentrations above Closure Criteria for surface to four (4) feet bgs per rule 19.15.29.13.

Due to the exceedances above, NTGE returned to the site after further excavation activities by Standard and conducted another confirmation sampling event on October 9, 2023. NTGE collected twenty-eight (28) sidewall confirmation samples (SW-10A/10B through SW-15A/15B, SW-42A, SW-48A to SW-50A, SW-50B, SW-51A/51B to SW-53A/53B, and SW-57 to SW-61). Additionally, six (6) deferral delineation samples (VD-1 to VD-6) were collected at depths ranging from zero to six (0-6) inches to eleven (11) feet bgs to ensure the vertical delineation was achieved for the impacts being left in place between the heater treater and surrounding separators. Analytical results indicated that SW-10A, SW-11A, SW-13A through SW-15A, SW-50A to SW-53A at zero to four (0-4) ft

bgs exhibited TPH and/or chloride concentrations above Table I Closure Criteria. SW-11B, SW-13B, SW-14B, and SW-15B at four (4)o twelve-and-a-half (4-12.5) ft bgs also exhibited TPH and/or chloride concentrations above Table I Closure Criteria. SW-50A to SW-53A, and SW-59 at (0-4') ft bgs also exhibited TPH and/or chloride concentrations above Table I Closure Criteria. SW-57, SW-58, and SW-61 exhibited chloride concentrations above Table I Closure Criteria for surface to four (4) ft bgs per rule 12.15.29.13. Analytical results for deferral delineation samples VD-2 at (0-6" to 3-3.5') ft bgs and VD-5, VD-6, at (0-6" to 1-1.5') ft bgs indicated impacts left in place near the heater treater and separators were above Table I Closure Criteria for surface to four (4) ft bgs. Analytical results indicated that VD-3 and VD-4 at five (5) ft bgs were above Table I Closure Criteria for areas near the heater treater.

After further expansion by Standard of sidewalls and additional vertical excavations due to the exceedances above Table I Closure Criteria, NTGE conducted a final confirmation sampling event, whereby two (2) bottom hole confirmation samples, and three (3) sidewall confirmation samples were collected on December 13, 2023. Analytical results indicated that all samples were below regulatory standards, except for SW-56, which displayed chloride concentrations above Table I Closure Criteria. The final excavation extent is shown in Figure 4 and confirmation sample locations are shown in Figures 5, 5A, and 5B. Analytical results of the confirmation samples are included in Table 2 – Confirmation Samples, and the Laboratory Analytical Reports provided in Attachment D. A photographic log is provided as Attachment B and Confirmation Sampling Notifications are provided as Attachment C.

On March 23, 2023, NTGE on behalf of Earthstone submitted an email requesting an extension for the project remediation activities. The extension was granted on March 24, 2023, by the NMOCD for an additional 90 days. Additionally, NTGE submitted an extension request on December 20, 2023, for an additional 90 days because remedial activities were still ongoing. The request was approved by the NMOCD on December 21, 2023.

6. Soils Disposition and Backfill Activities

Between March 9 and October 9, 2023, approximately 4,039.56 tons of impacted soils were transported offsite for disposal at Lea Land, LLC off US HWY 62/180, 30 miles east of Carlsbad, New Mexico.

7. Closing and Deferral Request

Based on the assessment, remediation efforts, and confirmation sampling, the Site is in compliance with NMOCD regulatory standards with the exception of soil samples SW-10B through SW-15B, SW-50B, SW-51B, SW-52B, SW-53B, SW-56, SW-57, and SW-61, which could not be further remediated without compromising the structural integrity of the sidewalls that hold in place flowlines for the VRU and Flare. Therefore, approximately five-hundred and fifty-seven (557) square feet of impacted soil ranging from surface to 12.5' bgs was left in-situ at the Site around the VRU and Flare flowlines. As such,

deferral sample VD-1 (0-6" to 4-4.5') was collected to vertically delineate the area near the above referenced sidewalls. Analytical results indicated VD-1 exhibited concentrations below Table I Closure Criteria for benzene, BTEX, TPH, and chlorides.

In addition, soil samples SW-41, SW-42A, SW-58, SW-59, CS116, and CS-117 could not be further remediated without destabilizing the area around the heater treater as it is sandy. As such, deferral samples VD-3 and VD-4 @ (5'-11') bgs were collected to vertically delineate the area around the heater treater. Analytical results indicated VD-3 and VD-4 @ five (5') bgs yielded concentrations above Table I Closure Criteria for TPH, however delineation was achieved with deeper samples. Therefore, approximately one (1) foot of 223 square feet of impacted soil was left in-situ at the site around the heater treater.

Similarly, soil sample SW-44 was above Table I Closure Criteria for TPH and unable to be excavated further due to the heater treater and proximity of separators, which would damage the structural integrity of the equipment. Thus, deferral sample VD-2 from (0-6" to 8-8.5') bgs and VD-6 from (0-6" to 1-1.5') bgs was collected to vertically delineate the impacted area. Analytical results indicated VD-2 from (0-6" to 3-3.5') ft bgs and VD-6 (0-6" to 1-1.5') exhibited concentrations above Table I Closure Criteria for chlorides per NMAC 19.15.29.13 for Surface to (4) feet below grade and will be left in place until nearby equipment is moved or decommissioning of battery, whichever comes first. Hence, three-thousand eight hundred and seventy-seven (3,877) square feet of impacted material ranging from zero (0) to three-and-a-half (3.5') ft bgs near the heater treater, to zero (0) to one-and-a-half (1.5') around the separators was left in-situ at the site around that equipment. Vertical delineation was achieved with deeper samples.

The Release Notification, Site Assessment/Characterization, and Remediation Plan, portions of form C-141 area attached to the front of the report. Based upon supporting documentation provided in this report, NTGE, on behalf of Earthstone, respectfully requests a deferral of soils left in-situ for nAB1907841837, nAPP2300652445, and nAPP2201934969.

If you have any questions regarding this report or need additional information, please contact us at 432-766-1918.

Sincerely,
NTG Environmental

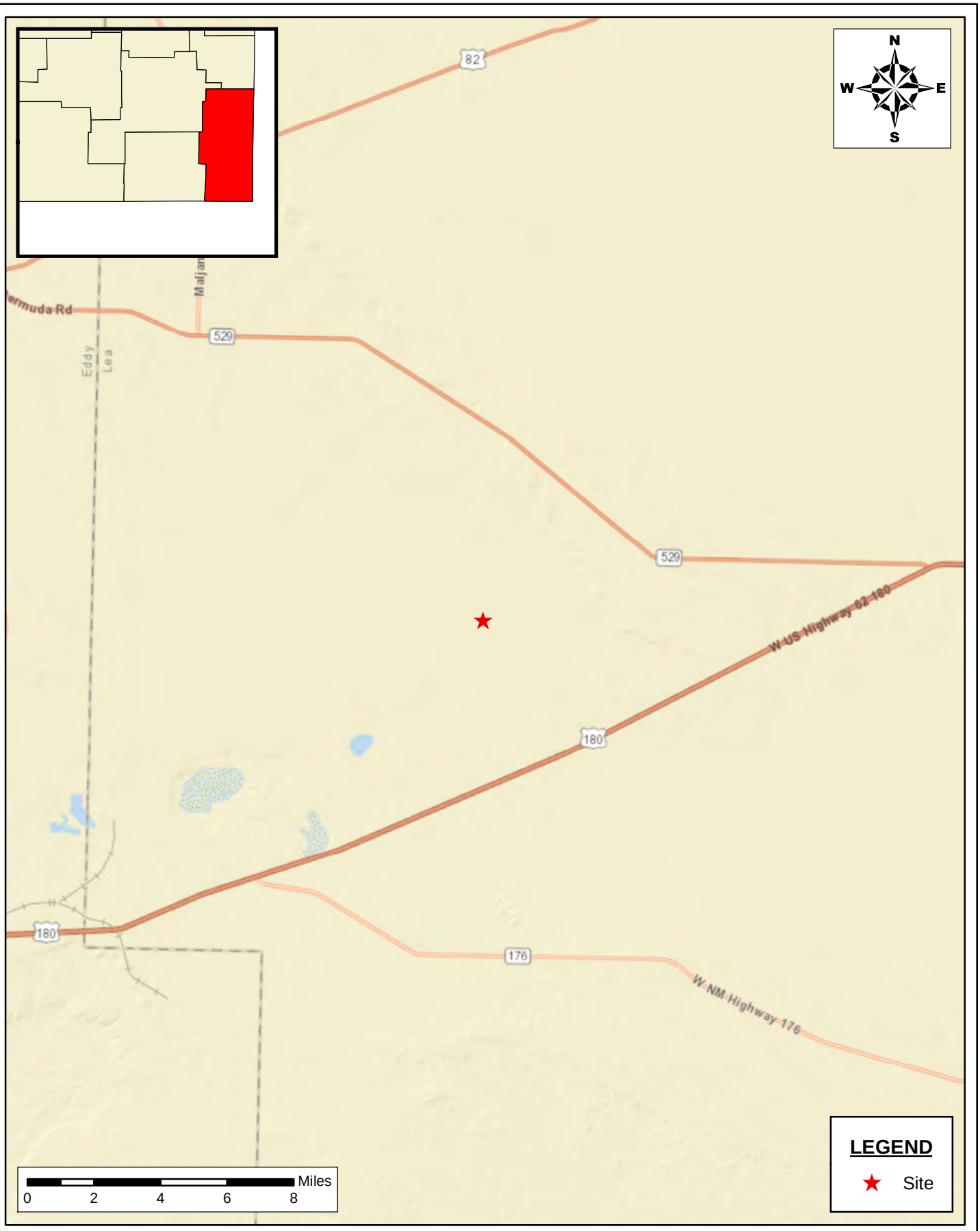
Nick Hart

Nick Hart
Project Manager

Attachments:

Figure 1 – Site Location Map
Figure 2 – Topographic Map
Figure 3 – Initial Assessment Sample Map
Figure 4 – Excavation Overview Map
Figure 5, 5A, 5B – Confirmation Sample Map
Figure 6 – Deferral Area Sample Map
Table 1 Summary of Soil Analytical Data – Initial Assessment Samples
Table 2 Summary of Soil Analytical Data – Confirmation/Deferral Samples
Table 3 Daily Disposal Summary
Attachment A – Site Characterization Documentation/TMW-1 Diagram
Attachment B – Photographic Log
Attachment C – Confirmation Sampling Notifications
Attachment D – Laboratory Reports and Chain-of-Custody Documents

FIGURES



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Site Location Map
Earthstone Energy
Diamondback 24-25 CTB
Lea County, New Mexico
32.668533°, -103.612933°

SCALE: As Shown	DATE: 1/3/2023	PROJECT #: 226700

New Tech Global Environmental, LLC
911 Regional Park Drive
Houston, Texas 77060
T - 281.872.9300
F - 281.872.4521
Web: www.ntglobal.com

NOTES:
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N

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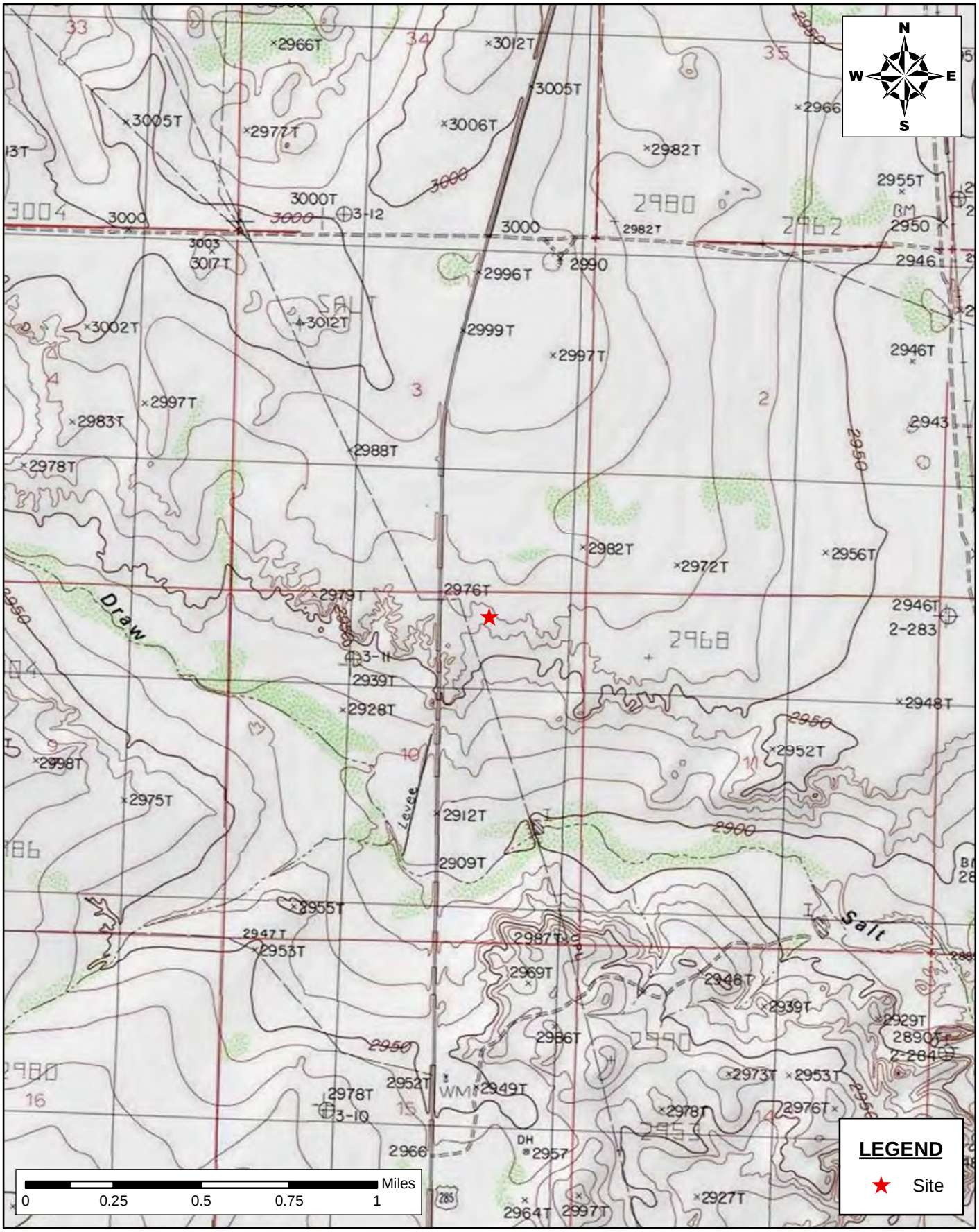
FIGURE 1
SHEET NUMBER:
1 of 1



Topographic Map
Earthstone Energy
Diamondback 24-25 CTB
Lea County, New Mexico
32.652795°, -103.713401°

SCALE: As Shown	DATE: 1/3/2023	PROJECT #: 226700

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FIGURE 2
SHEET NUMBER:
1 of 1

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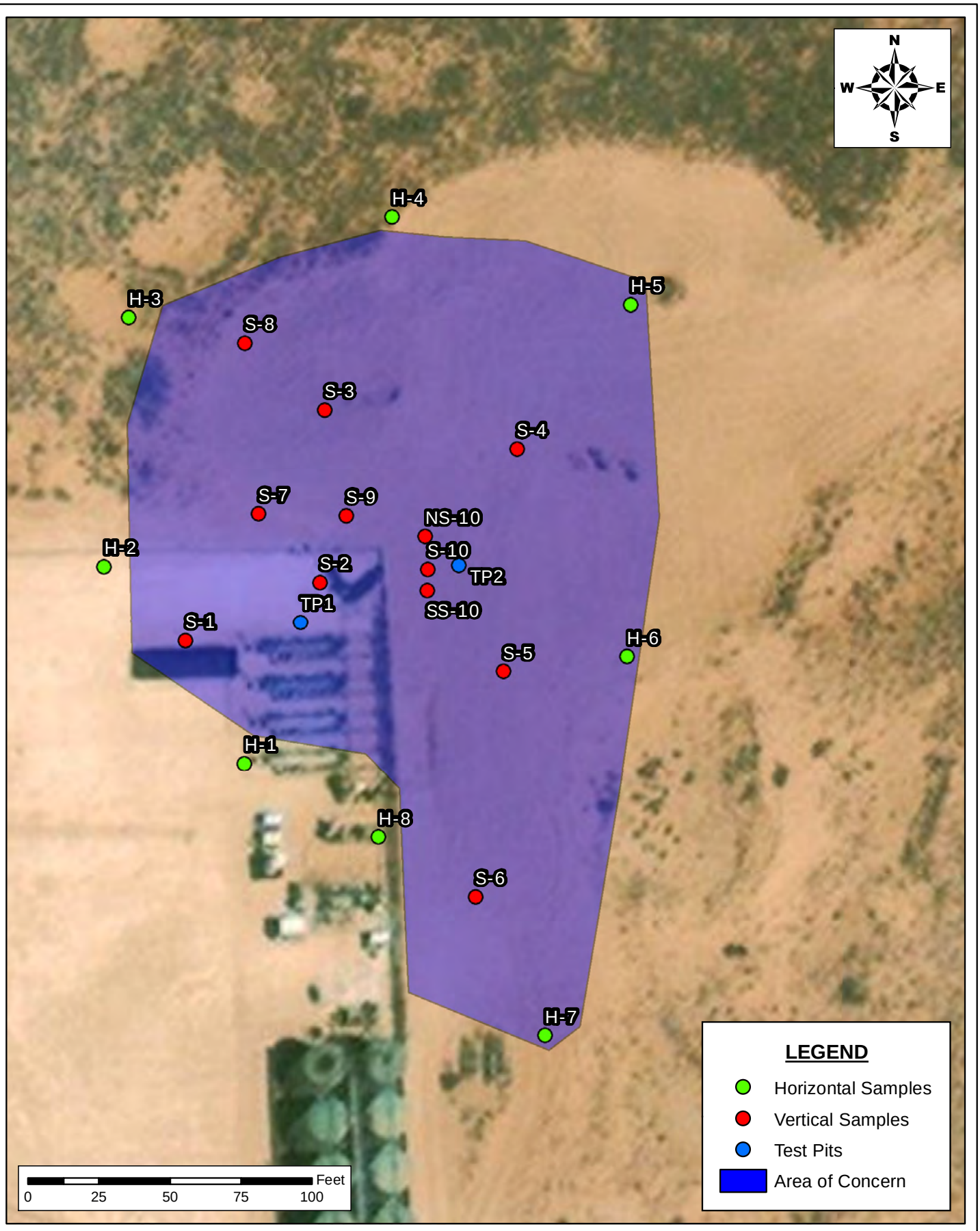

INITIAL ASSESSMENT MAP
Earthstone Energy, INC
Diamondback 24-25 CTB
Lea County, New Mexico
32.652795°, -103.713401°

SCALE: As Shown	DATE: 2/2/2023	PROJECT #: 226700

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SHEET NUMBER:
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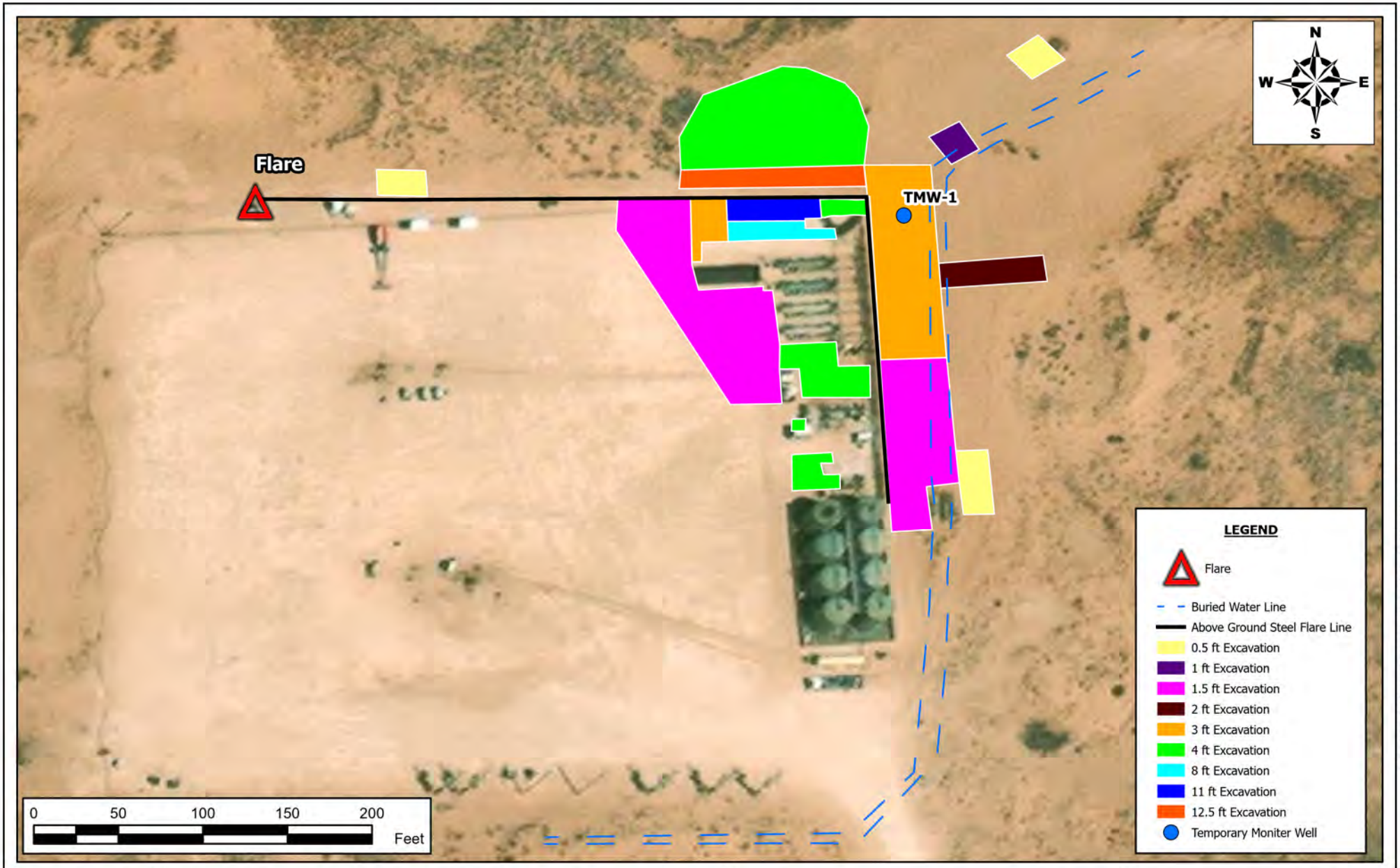

1 of 1

SHEET NUMBER

FIGURE 4

DRAWING NUMBER

EXCAVATION OVERVIEW MAP
CLOSURE/DEFERRAL REPORT
DIAMONDBACK 24-25 CTB
EARTHSTONE ENERGY, INC
LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN | DATE: 03/12/2024 | PROJECT #: 226700

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NOTES:

1. Base Image: ESRI Maps and Data 2017 (DigitalGlobe 2016 0.5m Digital Orthophoto)
2. Map Projection: NAD 1983

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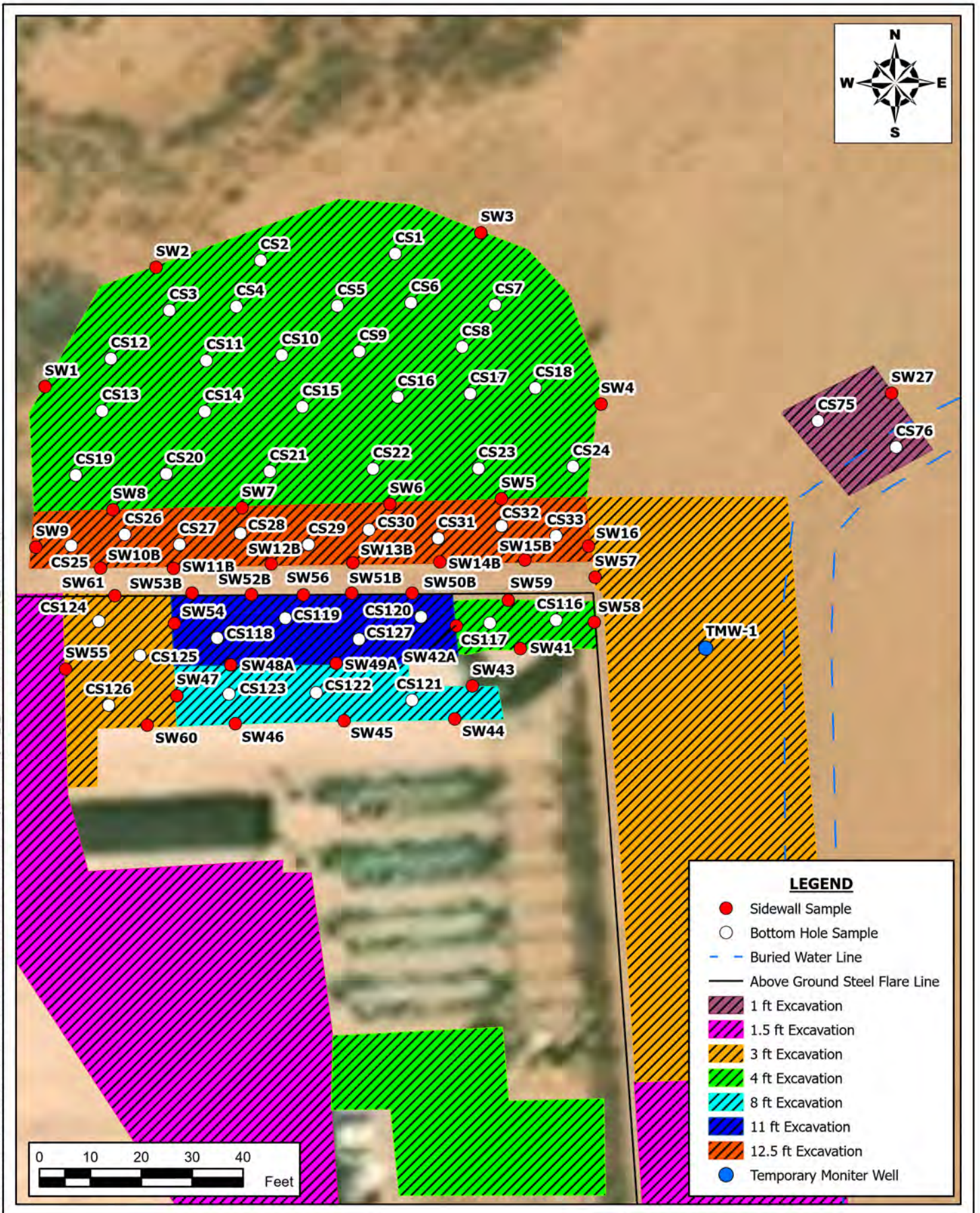

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CONFIRMATION SAMPLE MAP
CLOSURE/DEFERRAL REPORT
DIAMONDBACK 24-25 CTB
EARTHSTONE ENERGY, INC
LEA COUNTY, NEW MEXICO

SCALE: As Shown | Date: 3/12/2024 | PROJECT #: 226700

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NOTES:
1. Base Image: ESRI Maps & Data 2013
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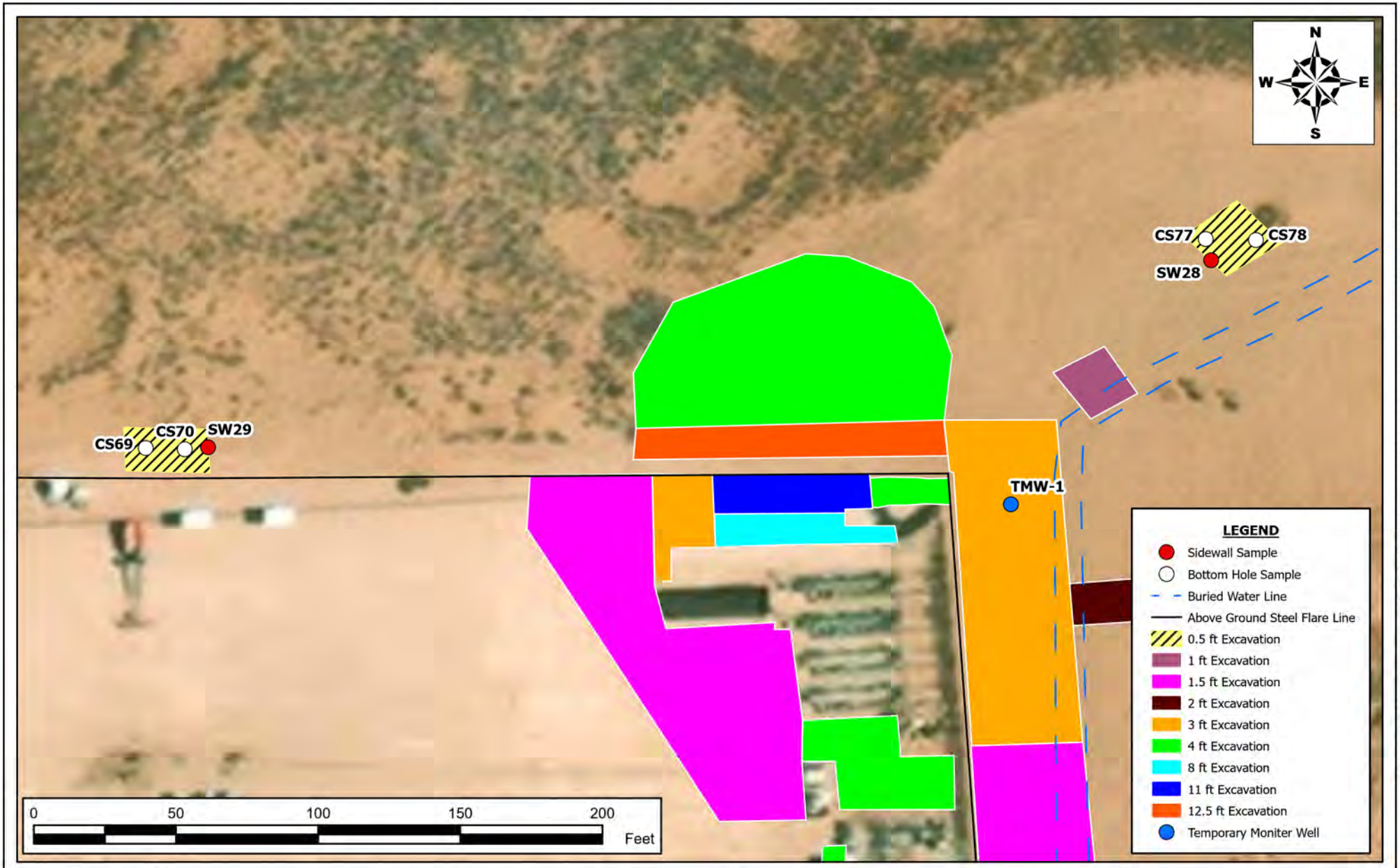
SHEET NUMBER:
1 of 3



2 of 3

SHEET NUMBER

FIGURE 5A

DRAWING NUMBER

CONFIRMATION SAMPLE MAP
CLOSURE/DEFERRAL REPORT
DIAMONDBACK 24-25 CTB
EARTHSTONE ENERGY, INC
LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN | DATE: 03/12/2024 | PROJECT #: 226700

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2. Map Projection: NAD 1983

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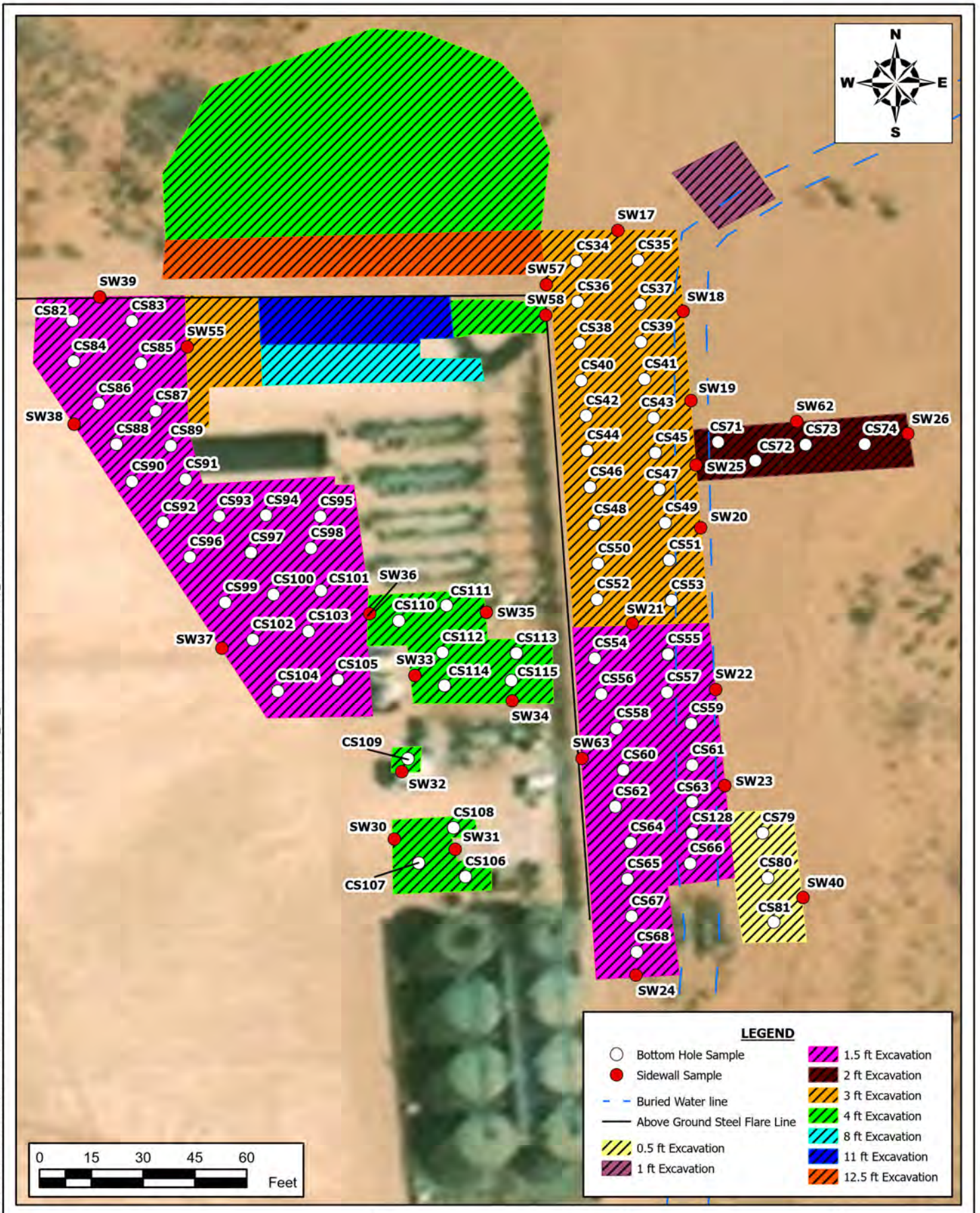

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CONFIRMATION SAMPLE MAP
CLOSURE/DEFERRAL REPORT
DIAMONDBACK 24-25 CTB
EARTHSTONE ENERGY, INC
LEA COUNTY, NEW MEXICO

SCALE: As Shown | Date: 3/5/2024 | PROJECT #: 226700

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FIGURE 5B
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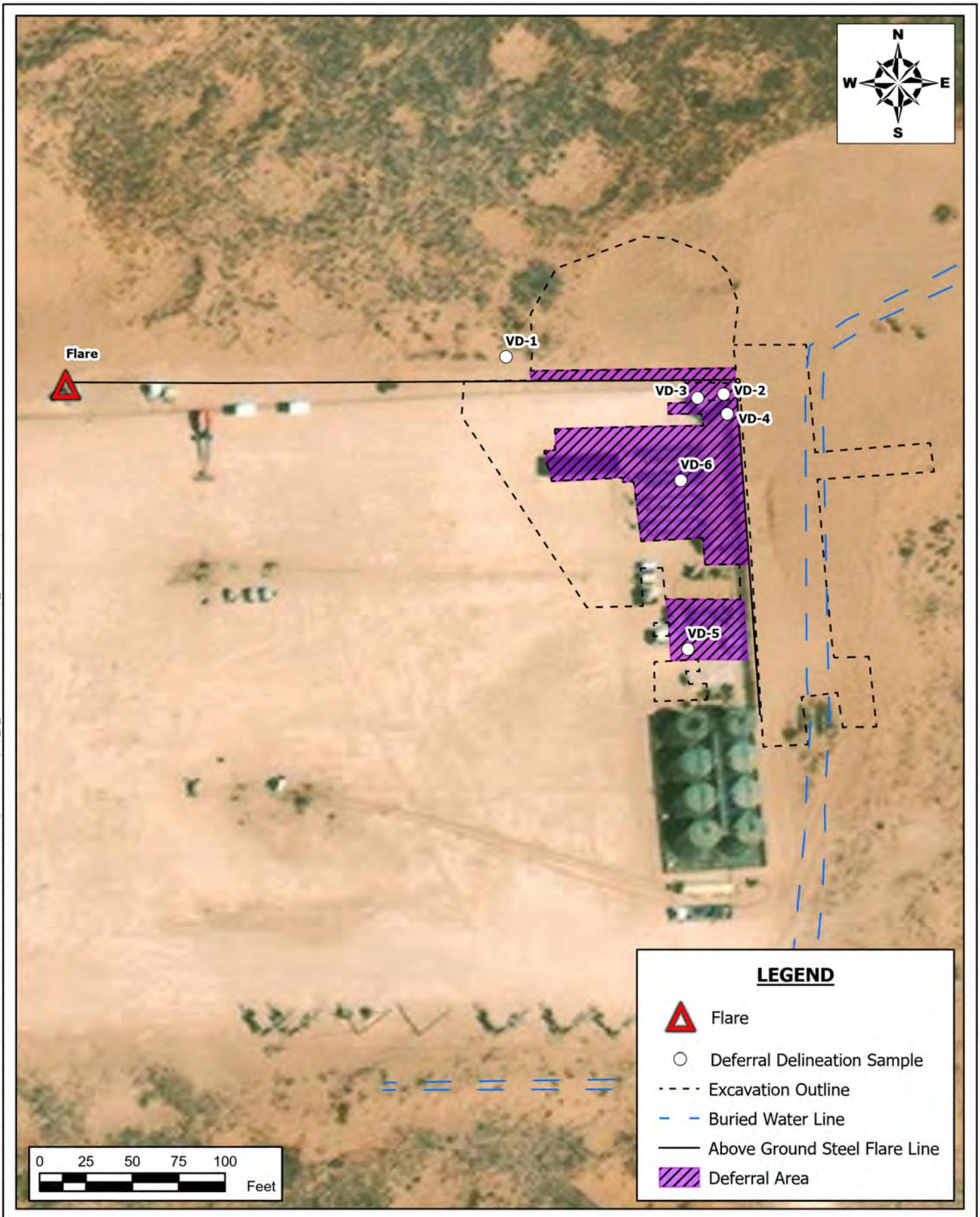
3 of 3



DEFERRAL AREA SAMPLE MAP
CLOSURE/DEFERRAL REPORT
DIAMONDBACK 24-25 CTB
EARTHSTONE ENERGY, INC
LEA COUNTY, NEW MEXICO

SCALE: As Shown | Date: 3/7/2024 | PROJECT #: 226700

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2. Map Projection: NAD 1983 UTM Zone 13N

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FIGURE 6
SHEET NUMBER:
1 of 1

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TABLE

Table 1
Summary of Soil Analytical Data - Initial Assessment Samples
Diamondback 24-25 Fed Com Battery
Earthstone Energy
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
Initial Assessment Samples													
S-1	1/5/2023	0-0.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	115
	1/5/2023	1-1.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.8	<49.8	<49.8	<49.8	<49.8	1,210
	1/5/2023	2-2.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	73.3
	1/5/2023	3-3.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.8	<49.8	<49.8	<49.8	<49.8	127
	1/5/2023	4-4.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	103
	1/5/2023	5-5.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	179
S-2	1/5/2023	0-0.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	1,390
	1/5/2023	1-1.5'	**0.0437**	<0.00200	<0.00200	<0.00401	**0.0437**	<50.0	<50.0	<50.0	<50.0	<50.0	56.2
	1/5/2023	2-2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	227
	1/5/2023	3-3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	838
	1/5/2023	4-4.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	3,300
	1/5/2023	5-5.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	3,110
S-3	1/5/2023	0-0.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	84.8
	1/5/2023	1-1.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	64.1
	1/5/2023	2-2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	110
	1/5/2023	3-3.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	103
	1/5/2023	4-4.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	132
	1/5/2023	5-5.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	148
S-4	1/5/2023	0-0.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	**393**	**393**	**91.9**	**484.9**	408
	1/5/2023	1-1.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	257
	1/5/2023	2-2.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	244
	1/5/2023	3-3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	362
	1/5/2023	4-4.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	428
	1/5/2023	5-5.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	558
S-5	1/5/2023	0-0.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	**90.9**	**90.9**	<50.0	**90.9**	71.9
	1/5/2023	1-1.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	57.2
	1/5/2023	2-2.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	<50.0	<50.0	<50.0	<50.0	42.2
	1/5/2023	3-3.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	124
	1/5/2023	4-4.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	52.4
	1/5/2023	5-5.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	67.4
S-6	1/5/2023	0-0.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	40.1
	1/5/2023	1-1.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	43.8
	1/5/2023	2-2.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	219
	1/5/2023	3-3.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	274
	1/5/2023	4-4.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	189
	1/5/2023	5-5.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	228
H-1	1/5/2023	0-0.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	217
H-2	1/5/2023	0-0.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	**96.8**	**96.8**	<49.9	**96.8**	10.1
H-3	1/5/2023	0-0.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	**86.1**	**86.1**	<50.0	**86.1**	123

Table 1
Summary of Soil Analytical Data - Initial Assessment Samples
Diamondback 24-25 Fed Com Battery
Earthstone Energy
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
H-4	1/5/2023	0-0.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	**88.5**	**88.5**	<49.9	**88.5**	**109**
H-4A	8/16/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**96**
H-5	1/5/2023	0-0.5'	**0.0859**	**0.0352**	**0.0809**	**0.126**	**0.328**	<49.9	**130**	**130**	<49.9	**130**	**63.6**
H-6	1/5/2023	0-0.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	**126**	**126**	<50.0	**126**	**336**
H-7	1/5/2023	0-0.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	**122**	**122**	<50.0	**122**	**110**
H-8	1/5/2023	0-0.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	**111**	**111**	<50.0	**111**	**54.3**
H-9	8/1/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48**
H-10	8/1/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**11.2**	**11.2**	<10.0	**11.2**	**16**
H-10A	8/16/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16**
H-11	8/1/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32**
H-11A	8/16/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**<16**
H-12	8/1/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**179**	**179**	**118**	**297**	**80**
H-12 A	8/15/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16**
VH-12	8/15/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**64**
	8/15/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32**
	8/15/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48**
	8/15/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32**
	8/15/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**64**
	8/15/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**80**
H-13	8/1/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<100	**10,600**	**10,600**	**2,890**	**13,490**	**1,380**
H-13 A	8/15/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**240**
VH-13	8/15/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**18.3**	**18.3**	<10.0	**18.3**	**5,120**
VH-13	8/15/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**96**
	8/15/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16**
	8/15/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32**
	8/15/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
	8/15/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
H-14	8/1/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**1,470**	**1,470**	**862**	**2,332**	**1,490**
H-14 A	8/15/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**64**
VH-14	8/15/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**3,800**
VH-14	8/15/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**128**
	8/15/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16**
	8/15/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16**
	8/15/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32**
	8/15/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
H-15	8/1/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**64**	**64**	**50.2**	**114.2**	**48**
H-15 A	8/15/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48**

Table 1
Summary of Soil Analytical Data - Initial Assessment Samples
Diamondback 24-25 Fed Com Battery
Earthstone Energy
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
VH-15	8/15/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16**
	8/15/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48**
	8/15/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16**
	8/15/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32**
	8/15/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**240**
	8/15/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32**
H-16	8/16/2023	Surface	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16
Delineation Samples													
S-2	3/10/2023	1-1.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	**188**
	3/10/2023	2-2.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	**19.8**
	3/10/2023	3-3.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	**21.5**
	3/10/2023	4-4.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	**93.9**	**93.9**	<49.9	**93.9**	**42.3**
S-3	3/10/2023	1-1.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	**14.8**
	3/10/2023	2-2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	<5.00
	3/10/2023	3-3.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	**102**
	3/10/2023	4-4.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<4.97
S-4	3/10/2023	1-1.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	**72.6**
	3/10/2023	2-2.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	**7.53**
	3/10/2023	3-3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<4.95
	3/10/2023	4-4.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	**39.1**
S-5	3/10/2023	1-1.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	**83.5**	**83.5**	<50.0	**83.5**	**860**
	3/10/2023	2-2.5'	<0.00994	<0.00994	<0.00994	<0.0199	<0.0199	<49.9	<49.9	<49.9	<49.9	<49.9	**129**
	3/10/2023	3-3.5'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.9	<49.9	<49.9	<49.9	<49.9	**167**
	3/10/2023	4-4.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	**128**
S-6	3/10/2023	1-1.5'	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	**101**	**101**	<49.9	101	852
	3/10/2023	2-2.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	**25.6**
	3/10/2023	3-3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	**36.0**
	3/10/2023	4-4.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	**5.83**
S-7	3/10/2023	1-1.5'	<0.0998	**2.96**	**7.68**	**20.8**	**31.4**	**606**	**5,660**	**6,266**	<249	**6,270**	**4,580**
	3/10/2023	2-2.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	**51.7**
	3/10/2023	3-3.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	**18.4**
	3/10/2023	4-4.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	**92.1**
S-8	3/10/2023	1-1.5'	<0.0498	**9.33**	**10.2**	**39.6**	**59.1**	**1,380**	**4,730**	**6,110**	<250	**6,110**	**1,360**
	3/10/2023	2-2.5'	**0.056**	**9.06**	**9.18**	**36.5**	**54.8**	**1,440**	**4,060**	**5,500**	<250	**5,500**	**1,170**
	3/10/2023	3-3.5'	**0.203**	**18.1**	**15.3**	**60.3**	**93.9**	**2,170**	**5,240**	**7,410**	<250	**7,412**	**1,630**
	3/10/2023	4-4.5'	**0.101**	**0.305**	**0.274**	**2.34**	**3.02**	**71.1**	**245**	**316**	<49.9	**316**	**4,060**
S-9	3/10/2023	1-1.5'	<0.0996	**1.8**	**5.49**	**80.1**	**87.4**	**2,650**	**5,680**	**8,330**	<250	**8,330**	**2,020**
	3/10/2023	2-2.5'	<0.497	**3.72**	**27.0**	**120**	**151**	**2,830**	**5,160**	**7,990**	<249	**7,990**	**2,670**
	3/10/2023	3-3.5'	<0.499	**5.78**	**40.9**	**163**	**210**	**3,380**	**6,270**	**9,650**	<250	**9,650**	**3,150**
	3/10/2023	4-4.5'	<0.0996	**1.52**	**8.59**	**29.2**	**39.3**	**2,880**	**5,750**	**8,630**	<250	**8,630**	**3,480**

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Earthstone Energy
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
S-10	3/10/2023	1-1.5'	<0.497	4.8	29.8	120	155	1,080	3,340	4,420	<250	4,420	1,140
	3/10/2023	2-2.5'	<0.100	5.16	14.5	48.3	68	1,610	4,500	6,110	<250	6,110	1,290
	3/10/2023	3-3.5'	<0.0498	0.294	0.72	2.89	3.9	<49.9	251	251	<49.9	251	1,930
	3/10/2023	4-4.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	156	156	<50.0	156	4,070
	3/15/2023	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,310
	3/15/2023	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,800
	3/15/2023	14'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,800
	3/16/2023	16'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,340
	3/16/2023	17'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,790
	3/16/2023	19'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,880
S-11	3/10/2023	1-1.5'	<0.00200	<0.00200	0.00412	0.0164	0.0205	<49.9	674	674	<49.9	674	7,470
	3/10/2023	2-2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	95.4	95.4	<49.9	95.4	846
	3/10/2023	3-3.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	296
	3/10/2023	4-4.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	51.6	51.6	<49.9	51.6	317
S-12	3/10/2023	1-1.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	75.8	75.8	<49.9	75.8	2,270
	3/10/2023	2-2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	2,740
	3/10/2023	3-3.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	312
	3/10/2023	4-4.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	323
S-13	3/10/2023	1-1.5'	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	167	167	<50.0	167	3,490
	3/10/2023	2-2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	120	120	<49.9	120	4,120
	3/10/2023	3-3.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	596
	3/10/2023	4-4.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	598
S-14	3/10/2023	1-1.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	4,540
	3/10/2023	2-2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	135	135	<50.0	135	3,120
	3/10/2023	3-3.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	135	135	<50.0	135	414
	3/10/2023	4-4.5'	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9	<49.9	<49.9	<49.9	<49.9	515
S-15	3/10/2023	1-1.5'	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<50.0	195	195	<50.0	195	5,470
	3/10/2023	2-2.5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	527
	3/10/2023	3-3.5'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	52.6	<49.9	52.6	<49.9	52.6	1,030
	3/10/2023	4-4.5'	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	832
S-16	7/31/2023	0-6''	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	7/31/2023	1'-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	7/31/2023	2'-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	7/31/2023	3'-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
	7/31/2023	4'-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
S-17	7/31/2023	4'-4.5'	0.066	1.72	3.12	9.84	14.7	388	4,770	5,158	876	6,034	1,020
	7/31/2023	5'-5.5'	<1.00	13	20.4	43.7	77.1	912	4,260	5,172	857	6,029	3,600
	7/31/2023	6'-6.5'	<1.00	6.18	13.8	30.7	50.7	1,100	6,580	7,680	1,330	9,010	3,280
	7/31/2023	7'-7.5'	<1.00	16.4	24	49.1	89.5	1,400	6,080	7,480	1,210	8,690	6,160
	7/31/2023	8'-8.5'	<1.00	3.16	8.15	19.7	31	649	5,070	5,719	1,100	6,819	7,760

Table 1
Summary of Soil Analytical Data - Initial Assessment Samples
Diamondback 24-25 Fed Com Battery
Earthstone Energy
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
S-18	8/1/2023	4'-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**19.7**	**19.7**	<10.0	**19.7**	**48**
	8/1/2023	5'-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16**
	8/1/2023	6'-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**21.6**	**21.6**	<10.0	**21.6**	**16**
	8/1/2023	7'-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16**
	8/1/2023	8'-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16**
S-19	8/1/2023	0-6''	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16**
	8/1/2023	1'-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32**
	8/1/2023	2'-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32**
	8/1/2023	3'-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**17.7**	**17.7**	<10.0	**17.7**	**64**
	8/1/2023	4'-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**128**
S-20	7/31/2023	0-6''	<0.050	**1.09**	**1.6**	**4.73**	**7.43**	**105**	**3,120**	**3,225**	**647**	**3,872**	**176**
	7/31/2023	1'-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**105**	**105**	**25.4**	**130.4**	**48**
	7/31/2023	2'-2.5'	<0.050	**0.056**	**0.122**	**0.032**	**0.5**	<10.0	**200**	**200**	**47.9**	**247.9**	**32**
	7/31/2023	3'-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**96**
	7/31/2023	4'-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**304**
S-21	8/1/2023	0-6''	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48**
	8/1/2023	1'-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**128**
	8/1/2023	2'-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**144**
	8/1/2023	3'-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**160**
	8/1/2023	4'-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**288**
S-22	8/1/2023	0-6''	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**256**
	8/1/2023	1'-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**240**
	8/1/2023	2'-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**400**
	8/1/2023	3'-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**416**
	8/1/2023	4'-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**272**
S-23	8/1/2023	0-6''	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**36.5**	**36.5**	<10.0	**36.5**	**6,640**
	8/1/2023	1'-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**1,730**
	8/1/2023	2'-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**2,280**
	8/1/2023	3'-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**1,280**
	8/1/2023	4'-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**1,880**
S-24	8/1/2023	0-6''	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**2,590**	**2,591**	**776**	**3,367**	**4,480**
	8/1/2023	1'-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**1,940**	**1,940**	**688**	**2,629**	**3,760**
	8/1/2023	2'-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**816**
	8/1/2023	3'-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**464**
	8/1/2023	4'-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**1,260**
S-25	8/16/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32**
	8/16/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48**
	8/16/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32**
	8/16/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32**
	8/16/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16**
	8/16/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32**

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Summary of Soil Analytical Data - Initial Assessment Samples
Diamondback 24-25 Fed Com Battery
Earthstone Energy
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
S-26	8/16/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	8/16/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	8/16/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	8/16/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32
	8/16/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
	8/16/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16
S-7	3/13/2023	3'	<0.403	**29.6**	**24.4**	**75.1**	**129**	**2,150**	**9,680**	**11,830**	**1,310**	**13,100**	**192**
	3/13/2023	5'	<0.200	**0.39**	**2.55**	**9.32**	**12.3**	**388**	**1,840**	**2,228**	**244**	**2,470**	**182**
	3/13/2023	7'	<0.199	<0.199	<0.199	<0.398	<0.398	<50.0	**100**	**100**	<50.0	**100**	**1,220**
	3/13/2023	9'	<0.0994	<0.0994	<0.0994	<0.199	<0.199	<49.9	<49.9	<49.9	<49.9	<49.9	**8,260**
	3/13/2023	11'	<0.0402	<0.0402	<0.0402	<0.0805	<0.0805	<49.9	**67.3**	**67.3**	<49.9	**67.3**	**8,810**
	3/13/2023	13'	<0.0399	<0.0399	<0.0399	<0.0798	<0.0798	<49.9	**65.4**	**65.4**	<49.9	**65.4**	**7,840**
S-8	3/13/2023	1'	**1.01**	**85.5**	**100**	**165**	**351**	**3,730**	**17,400**	**21,130**	**3,030**	**24,160**	**52.8**
	3/13/2023	3	<0.00198	**0.00318**	**0.00198**	**0.00238**	**0.00754**	<49.9	<49.9	<49.9	<49.9	<49.9	**18.3**
	3/13/2023	5'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	<49.9	<49.9	<49.9	<49.9	<5.01
	3/13/2023	7	<0.00189	<0.00189	<0.00189	<0.00377	<0.00377	<49.9	<49.9	<49.9	<49.9	<49.9	<5.00
	3/13/2023	9'	<0.00200	**0.00550**	<0.00200	<0.00401	**0.0055**	<49.9	<49.9	<49.9	<49.9	<49.9	<4.99
S-9	3/13/2023	2'	**1.2**	**71**	**60.2**	**132**	**264**	**4,140**	**15,500**	**19,640**	**2,210**	**21,850**	**59.2**
	3/13/2023	4'	**2.81**	**60.4**	**38.8**	**90.7**	**193**	**3,110**	**3,760**	**6,870**	<250	**6,870**	**237**
	3/13/2023	6'	**0.962**	**41.7**	**34.3**	**71.1**	**148**	**3,060**	**3,380**	**6,440**	<250	**6,440**	**3,110**
	3/13/2023	8'	**1.96**	**123**	**76.5**	**123**	**324**	**4,800**	**3,740**	**8,540**	<250	**8,540**	**2,610**
	3/13/2023	10'	<0.0401	**0.138**	**0.0602**	<0.0802	**0.198**	<49.9	<49.9	<49.9	<49.9	<49.9	**1,570**
	3/13/2023	12'	**0.0568**	<0.0396	<0.0396	<0.0792	<0.0792	<49.9	**64.7**	**64.7**	<49.9	**64.7**	**2,630**
Test Pit Delineation Samples													
TP-1	2/13/2023	6'	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	**3,160**
	2/13/2023	8'	<0.00199	<0.00199	<0.00199	**0.00676**	**0.00676**	<50.0	<50.0	<50.0	<50.0	<50.0	**1,560**
	2/13/2023	10'	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8	<49.8	<49.8	<49.8	<49.8	**152**
NS-10	3/16/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**2,370**
	3/16/2023	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**9,470**
SS-10	3/16/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**18.4**	**18.4**	<10.0	**18.4**	**3,520**
	3/16/2023	10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**5,920**
TP-2	3/16/2023	6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**2,800**
	3/16/2023	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**5,040**
	3/16/2023	9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**3,080**
	3/16/2023	12'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**4,160**
	3/16/2023	14	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**1,440**
	3/16/2023	15	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**3,600**
	3/16/2023	16	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**2,340**
Near Heater Treater													
SW-1	3/7/2023	0-5'	**2.62**	**29.8**	**19.1**	**110**	**164**	**2,580**	**9,580**	**12,160**	**1,200**	**13,400**	**1,060**
S-1	3/7/2023	5'	**0.372**	**26.8**	**24.3**	**46.1**	**97.6**	**1,740**	**5,850**	**7,590**	**744**	**8,330**	**4,200**

Table 1
Summary of Soil Analytical Data - Initial Assessment Samples
Diamondback 24-25 Fed Com Battery
Earthstone Energy
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
Temporary Drilling													
TMW-1	6/13/2023	(3-5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	**992**
	6/13/2023	(8-10')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9	**63.3**	**63.3**	<49.9	**63.3**	**308**
	6/13/2023	(13-15')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.8	**50.9**	**50.9**	<49.8	**50.9**	**880**
	6/13/2023	(18-20')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	**151**	**151**	<50.0	**151**	**239**
	6/13/2023	(23-25')	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.0	**55.7**	**55.7**	<50.0	**55.7**	**240**
	6/13/2023	(28-30')	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<49.8	<49.8	<49.8	<49.8	<49.8	**449**
	6/13/2023	(33-35')	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<49.9	<49.9	<49.9	<49.9	<49.9	**360**
	6/13/2023	(38-40')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9	<49.9	<49.9	<49.9	<49.9	**308**
	6/13/2023	(43-45')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	**91.3**
	6/13/2023	(48-50')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	**69.6**

Notes:
1. Values reported in mg/kg
2.< = Value Less Than Reporting Limit (RL)
3. Bold indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021B
~~SP-1~~ Sample Point Excavated
5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 TableI Closure Criteria for the site.
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Diamondback 24-25 Fed Com Battery
Earthstone Energy
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
Bottom Hole Confirmation Samples													
CS-01	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16.0**
CS-02	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**160**
CS-03	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**37.4**	**37.4**	<10.0	**37.4**	**128**
CS-04	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**621**	**621**	**88.9**	**709.9**	**1,740**
CS-05	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16.0**
CS-06	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
CS-07	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**128**
CS-08	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**15.5**	**15.5**	<10.0	**15.5**	**416**
CS-09	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**177**	**177**	**23.3**	**200.3**	**944**
CS-10	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**379**	**379**	**56.3**	**435.3**	**1,120**
CS-11	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**51.4**	**51.4**	**14.3**	**65.7**	**256**
CS-12	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**32.8**	**32.8**	<10.0	**32.8**	**128**
CS-13	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
CS-14	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**19.4**	**19.4**	<10.0	**19.4**	**528**
CS-15	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**104**	**104**	**11.9**	**115.9**	**624**
CS-16	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**485**	**485**	**99.5**	**584.5**	**1,630**
CS-17	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**367**	**367**	**85.8**	**452.8**	**1,280**
CS-18	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**123**	**123**	**22.7**	**145.7**	**640**
CS-19	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**112**
CS-20	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**26.6**	**26.6**	<10.0	**26.6**	**880**
CS-21	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**12.8**	**12.8**	<10.0	**12.8**	**656**
CS-22	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**15.5**	**15.5**	<10.0	**15.5**	**464**
CS-23	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**248**	**248**	**43.3**	**291.3**	**768**
CS-24	8/24/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**205**	**205**	**37.6**	**242.6**	**608**
CS-25	8/17/2023	12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**4,160**
CS-26	8/17/2023	12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**560**
CS-27	8/17/2023	12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**96.0**
CS-28	8/17/2023	12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**7,200**
CS-29	8/17/2023	12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**592**
CS-30	8/17/2023	12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**35.1**	**35.1**	<10.0	**35.1**	**1,120**
CS-31	8/17/2023	12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**96.0**
CS-32	8/17/2023	12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**192**
CS-33	8/17/2023	12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**3,720**
CS-34	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**64.0**
CS-35	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**80.0**
CS-36	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**400**
CS-37	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48.0**
CS-38	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**80.0**
CS-39	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**320**
CS-40	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**30.3**	**30.3**	<10.0	**30.3**	**320**
CS-41	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**208**
CS-42	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**256**
CS-43	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Diamondback 24-25 Fed Com Battery
Earthstone Energy
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
CS-44	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**240**
CS-45	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**96.0**
CS-46	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**240**
CS-47	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**64.0**
CS-48	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**176**
CS-49	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**256**
CS-50	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**208**
CS-51	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**192**
CS-52	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**160**
CS-53	8/18/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**288**
CS-54	8/18/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**128**
CS-55	8/18/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**80.0**
CS-56	8/18/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**112**
CS-57	8/18/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**112**
CS-58	8/18/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**64.0**
CS-59	8/18/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**64.0**
CS-60	8/18/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**80.0**
CS-61	8/18/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**160**
CS-62	8/18/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**64.0**
CS-63	8/18/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48.0**
CS-64	8/18/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48.0**
CS-65	8/18/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**80.0**
CS-66	8/18/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48.0**
CS-67	8/18/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
CS-68	8/18/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**80.0**
CS-69	8/24/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16.0**
CS-70	8/24/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16.0**
CS-71	8/24/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16.0**
CS-72	8/24/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16.0**
CS-73	8/24/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
CS-74	8/24/2023	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
CS-75	8/24/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**64.0**
CS-76	8/24/2023	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
CS-77	8/24/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-78	8/24/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-79	8/24/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48.0**
CS-80	8/24/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48.0**
CS-81	8/24/2023	0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
CS-82	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-83	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-84	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
CS-85	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
CS-86	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
CS-87	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Diamondback 24-25 Fed Com Battery
Earthstone Energy
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
CS-88	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
CS-89	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48.0**
CS-90	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48.0**
CS-91	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**64.0**
CS-92	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48.0**
CS-93	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48.0**
CS-94	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48.0**
CS-95	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
CS-96	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16.0**
CS-97	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
CS-98	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**64.0**
CS-99	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
CS-100	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
CS-101	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48.0**
CS-102	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16.0**
CS-103	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**176**
CS-104	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**96.0**
CS-105	8/30/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**128**
CS-106	8/30/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**784**
CS-107	8/30/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**576**
CS-108	8/30/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**896**
CS-109	8/30/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**144**
CS-110	8/30/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**37.2**	**37.2**	<10.0	**37.2**	**48.0**
CS-111	8/30/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**96.0**
CS-112	8/30/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**64.0**
CS-113	8/30/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**64.0**
CS-114	8/30/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**96.0**
CS-115	8/30/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**192**
CS-116	9/19/2023	4'	<0.050	**0.063**	**0.255**	**1.88**	**2.2**	**264**	**8,840**	**9,104**	**1,890**	**10,994**	**2,840**
CS-117	9/19/2023	4'	<0.050	**0.686**	**1.5**	**16.1**	**18.3**	**811**	**6,430**	**7,241**	**1,300**	**8,541**	**2,120**
CS-118	9/19/2023	11'	<0.050	<0.050	**0.090**	**0.512**	**0.602**	**13.9**	**465**	**478.9**	**92.9**	**571.8**	**1,950**
CS-119	9/19/2023	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**560**
CS-120	9/19/2023	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**215**	**215**	**44.8**	**259.8**	**1,840**
CS-121	9/19/2023	8'	<0.050	<0.050	<0.050	**0.161**	<0.300	<10.0	**925**	**925**	**206**	**1,131**	**480**
CS-122	9/19/2023	8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**168**	**168**	**33.6**	**201.6**	**128**
CS-123	9/19/2023	8'	<0.050	<0.050	**0.093**	**0.488**	**0.581**	**25.7**	**738**	**763.7**	**144**	**907.7**	**192**
CS-124	9/19/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**34.4**	**34.4**	**13.6**	**48**	**512**
CS-125	9/19/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	**12.6**	**864**	**876.6**	**192**	**1,069**	**496**
CS-126	9/19/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**11.0**	**11.0**	<10.0	**11.0**	**48.0**
CS-127	12/13/2023	11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**224**
CS-128	12/13/2023	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16.0**
Sidewall Samples													
SW-01	8/24/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
SW-02	8/24/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Diamondback 24-25 Fed Com Battery
Earthstone Energy
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
SW-03	8/24/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-04	8/24/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-05	8/24/2023	4-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-06	8/24/2023	4-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	29.3	29.3	<10.0	29.3	352
SW-07	8/24/2023	4-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	34.5	34.5	<10.0	34.5	288
SW-08	8/24/2023	4-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SW-09	8/24/2023	0-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-10	8/30/2023	0-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,640
SW-10A	10/9/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	7,160	7,160	1,810	9,970	64.0
SW-10B	10/9/2023	4-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,100
SW-11	8/30/2023	0-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,680
SW-11A	10/9/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1,150	1,150	316	1,466	32.0
SW-11B	10/9/2023	4-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	24,000
SW-12	8/30/2023	0-12.5'	<0.050	2.76	5.93	19.5	28.2	301	5,570	5,871	1,040	6,911	2,480
SW-12A	10/9/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-12B	10/9/2023	4-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	12,400
SW-13	8/30/2023	0-12.5'	<0.050	0.277	1.03	3.08	4.39	85.7	3,000	3,086	602	3,688	4,560
SW-13A	10/9/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	5,420	5,420	1,320	6,740	128
SW-13B	10/9/2023	4-12.5'	<0.050	<0.050	0.064	<0.150	<0.300	56.0	12,200	12,256	2,960	15,216	160
SW-14	8/30/2023	0-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SW-14A	10/9/2023	0-4'	<0.050	0.311	0.489	7.45	8.25	319	15,300	15,619	3,940	19,559	64.0
SW-14B	10/9/2023	4-12.5'	<0.050	0.099	0.123	0.424	0.646	273	10,400	10,673	1,980	12,653	2,600
SW-15	8/30/2023	0-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	608
SW-15A	10/9/2023	0-4'	<0.050	<0.050	<0.050	0.549	0.549	61.7	14,500	14,562	3,480	18,042	80.0
SW-15B	10/9/2023	4-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	30,800
SW-16	8/24/2023	3-12.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SW-17	8/24/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SW-18	8/24/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-19	8/24/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SW-20	8/24/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW-21	8/24/2023	1.5-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-22	8/24/2023	0-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SW-23	8/24/2023	0-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-24	8/24/2023	0-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-25	8/24/2023	2-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-26	8/24/2023	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-27	8/30/2023	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-28	8/30/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-29	8/30/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-30	8/30/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SW-31	8/30/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-32	8/30/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-33	8/30/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
SW-34	8/30/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304

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Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
SW-35	8/30/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
SW-36	8/30/2023	1.5-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**80.0**
SW-37	8/30/2023	0-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**448**
SW-38	8/30/2023	0-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**512**
SW-39	8/30/2023	0-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**432**
SW-40	8/30/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**96.0**
SW-41	9/19/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**2,030**
~~SW-42~~	~~9/19/2023~~	~~4-11'~~	~~<0.050~~	~~<0.050~~	~~<0.050~~	~~<0.150~~	~~<0.300~~	~~<10.0~~	~~151~~	~~151~~	~~33.4~~	~~154.4~~	~~1,120~~
SW-42A	10/9/2023	4-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**60.1**	**60.1**	<10.0	**60.1**	**1,890**
SW-43	9/19/2023	0-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**18.3**	**18.3**	<10.0	**18.3**	**80.0**
SW-44	9/19/2023	0-8'	<0.050	<0.050	**0.093**	**0.600**	**0.693**	**41.6**	**896**	**937.6**	**155**	**1,093**	**32.0**
SW-45	9/19/2023	0-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**64.0**
SW-46	9/19/2023	0-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**48.0**
SW-47	9/19/2023	3-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**64.0**
~~SW-48~~	~~9/19/2023~~	~~8-11'~~	~~<0.050~~	~~<0.050~~	~~0.177~~	~~0.902~~	~~1.08~~	~~24.1~~	~~1,010~~	~~1,034~~	~~176~~	~~1,210~~	~~320~~
SW-48A	10/9/2023	8-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**485**	**485**	**115**	**600**	**560**
~~SW-49~~	~~9/19/2023~~	~~8-11'~~	~~<0.050~~	~~<0.050~~	~~<0.050~~	~~<0.150~~	~~<0.300~~	~~<10.0~~	~~153~~	~~153~~	~~34.1~~	~~187.1~~	~~880~~
SW-49A	10/9/2023	8-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**52.4**	**52.4**	<10.0	**52.4**	**256**
SW-50	9/19/2023	0-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**370**	**370**	**65.6**	**435.6**	**9,200**
SW-50A	10/9/2023	0-4'	<0.050	<0.050	**0.159**	**0.514**	**0.673**	**112**	**8,750**	**8,862**	**1,810**	**10,672**	**1,250**
SW-50B	10/9/2023	4-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**190**	**190**	**53.1**	**243.1**	**7,500**
SW-51	9/19/2023	0-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**11.8**	**11.8**	<10.0	**11.8**	**6,160**
SW-51A	10/9/2023	0-4'	<0.050	<0.050	**0.164**	**0.571**	**0.735**	**145**	**8,820**	**8,965**	**1,880**	**10,845**	**912**
SW-51B	10/9/2023	4-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**234**	**234**	**67.9**	**301.9**	**7,730**
SW-52	9/19/2023	0-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**5,280**
SW-52A	10/9/2023	0-4'	<0.050	<0.050	**0.33**	**1.04**	**1.37**	**221**	**8,360**	**8,581**	**1,730**	**10,311**	**384**
SW-52B	10/9/2023	4-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**287**	**287**	**77.1**	**364.1**	**6,800**
SW-53	9/19/2023	3-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	121	121	25.0	**146**	**992**
SW-53A	10/9/2023	0-4'	<0.050	<0.050	**0.266**	**0.949**	**1.22**	**219**	**10,100**	**10,319**	**2,130**	**12,449**	**592**
SW-53B	10/9/2023	4-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**446**	**446**	**121**	**567**	**5,860**
SW-54	9/19/2023	1-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**80.0**
SW-55	9/19/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16.0**
SW-56	12/13/2023	0-11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**264**	**264**	**56.6**	**320.6**	**10,000**
SW-57	10/9/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**1,490**
SW-58	10/9/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**992**
SW-59	10/9/2023	0-4'	<0.050	<0.050	**0.050**	**1.67**	**1.72**	**149**	**13,100**	**13,249**	**2,960**	**16,209**	**2,120**
SW-60	10/9/2023	0-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**112**
SW-61	10/9/2023	0-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**32.1**	**32.1**	<10.0	**32.1**	**1,410**
SW-62	12/13/2023	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16.0**
SW-63	12/13/2023	0-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**16.0**
Differal Samples													
VD-1	10/9/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
		1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
		2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Diamondback 24-25 Fed Com Battery
Earthstone Energy
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
		3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
		4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32.0**
VD-2	10/9/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	**18.2**	**18.2**	<10.0	**18.2**	**9,330**
		1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**1,060**
		2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**1,470**
		3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**1,540**
		4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**1,260**
		5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**2,050**
		6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**3,080**
		7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**1,440**
		8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**400**
VD-3	10/9/2023	5'	<1.00	**1.55**	**2.16**	**34.0**	**37.8**	**1,090**	**6,290**	**7,380**	**1,210**	**8,590**	**1,170**
		6'	<0.050	**0.067**	**0.166**	**1.9**	**2.13**	**71.6**	**935**	**1,007**	**172**	**1,179**	**3,280**
		7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**1,250**
		8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**2,320**
		9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**5,760**
		10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**6,000**
		11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**880**
VD-4	10/9/2023	5'	<0.100	**1.25**	**1.57**	**25.5**	**28.4**	**1,130**	**9,560**	**10,690**	**1,960**	**12,650**	**960**
		6'	<0.050	<0.050	0.117	1.35	1.47	123	1,520	1,643	306	**1,949**	**1,520**
		7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**1,100**
		8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**2,000**
		9'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**5,920**
		10'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**5,920**
		11'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**928**
VD-5	12/13/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**8,260**
		1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**1,720**
		2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**432**
		3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**384**
		4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**272**
VD-6	12/13/2023	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**6,400**
		1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**1,710**
		2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**288**
		3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**368**
		4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**160**

Notes:
1. Values reported in mg/kg
2.< = Value Less Than Reporting Limit (RL)
3. Bold indicates Analyte Detected
4. BTEX analyses by EPA Method SW 8021
5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 TableI Closure Criteria for the site.
8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

~~SP-1~~ Sample Point Excavated

Table 3
Daily Disposal Summary
Diamondback 24-25 CTB
Earthstone Operating, LLC (Permian Resources)
Lea, County, New Mexico

Date of Disposal	Total Pounds Disposed	Total Tons Disposed
3/8/2023	160,380	80.19
3/9/2023	161,540	80.77
3/10/2023	356,380	178.19
3/13/2023	421,980	210.99
3/14/2023	363,000	181.50
3/15/2023	468,340	234.17
3/16/2023	470,280	235.14
3/17/2023	115,620	57.81
7/31/2023	381,520	190.76
8/1/2023	691,520	345.76
8/3/2023	614,720	307.36
8/16/2023	413,660	206.83
8/17/2023	450,720	225.36
8/18/2023	360,040	180.02
8/21/2023	627,660	313.83
8/22/2023	253,080	126.54
8/28/2023	237,260	118.63
8/29/2023	643,540	321.77
8/30/2023	580,080	290.04
9/20/2023	163,760	81.88
10/9/2023	144,040	72.02
Project Total	**7,918,740**	**4,039.56**

ATTACHMENT A: SITE CHARACTERIZATION DOCUMENTATION/TMW-1 DIAGRAM

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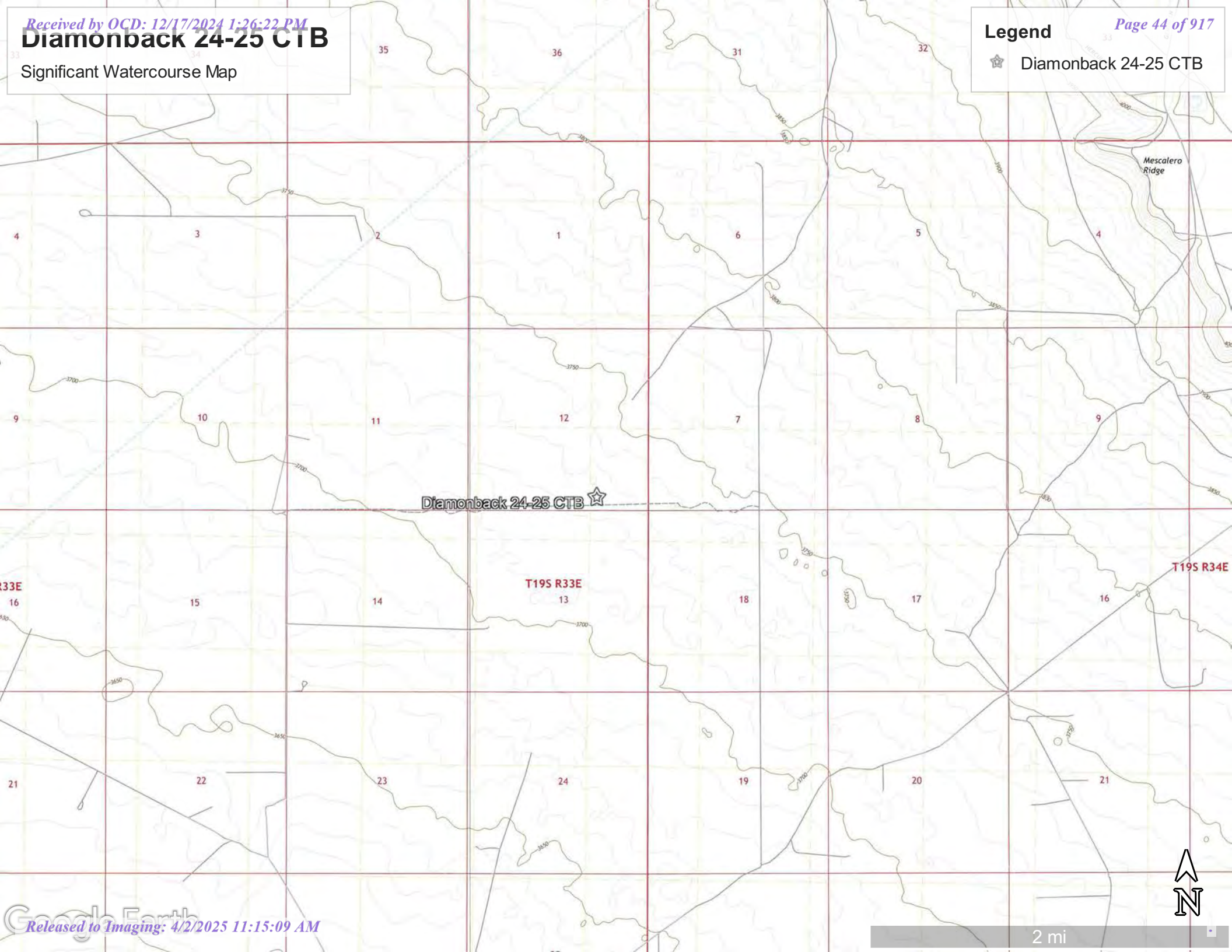
Diamonback 24-25 CTB

Significant Watercourse Map



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SITE ASSESSMENT REPORT
Earthstone Energy, LLC
Diamondback 24-25 CTB
Eddy County, New Mexico
Project No. 226700

BORING LOG - TMW 1

(Page 1 of 3)

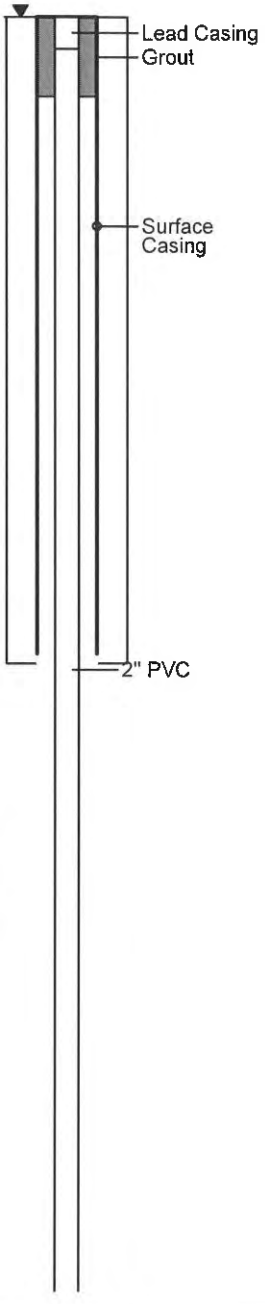
Date Drilled	: 06/13/2023
Hole Diameter	: 6 1/4 in
Drilling Method	: Air Rotary
Company Rep	: Jeff Kindley
Latitude / Longitude	:
Well Diameter	:

Sample Legend
- Soil Sample
- NS - Not Sampled

Water Levels
- ▼ >110 ft

Depth in Feet	USCS	Field CL	Lab CL	Lithology	Sample	Water Level	DESCRIPTION
0–16	SC	250 / 1300 / 340	-			▼	SANDY CLAY-tan,fine grained,
16–18	CL	240	-				Buff Limestone(2')
18–26	CL	200	-				Limestone- with inbedded sand.
26–28	SM						Limestone-fine to medium grained, brown, sand, traces of gravel,
28–40	SM	680 / 560					SAND - medium grain, brown, well sorted, medium grained,

Well: TMW1



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SITE ASSESSMENT REPORT
Earthstone Energy, LLC
Diamondback 24-25 CTB
Eddy County, New Mexico
Project No. 226700

BORING LOG - TMW 1

(Page 2 of 3)

Date Drilled	: 06/13/2023
Hole Diameter	: 6 1/4 in
Drilling Method	: Air Rotary
Company Rep	: Jeff Kindley
Latitude / Longitude	:
Well Diameter	:

Sample Legend
- Soil Sample
- NS - Not Sampled

Water Levels
- ▼ >110 ft

Well: TMW1

Depth in Feet	USCS	Field CL	Lab CL	Lithology	Sample	Water Level	DESCRIPTION
40							
42	SM	405					
44							SANDY CLAY- tan,brown
46							
48		108					
50							
52							
54							
56	SC						
58							
60		100					
62							
64							
66							
68							SANDY CLAY-Red.
70	SC						
72							
74							Red Clay
76	CL	Conflict					
78							CLAYEY SAND-Red/brown
80	SC						

2" PVC

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SITE ASSESSMENT REPORT
Earthstone Energy, LLC
Diamondback 24-25 CTB
Eddy County, New Mexico
Project No. 226700

BORING LOG - TMW 1

(Page 3 of 3)

Date Drilled	: 06/13/2023
Hole Diameter	: 6 1/4 in
Drilling Method	: Air Rotary
Company Rep	: Jeff Kindley
Latitude / Longitude	:
Well Diameter	:

Sample Legend
- Soil Sample
- NS - Not Sampled

Water Levels
- ▼ >110 ft

Well: TMW1

Depth in Feet	USCS	Field CL	Lab CL	Lithology	Sample	Water Level	DESCRIPTION
80–90							SANDY CLAY-Red/brown
90–110	SC / CL						
110–120							Clay-Red,dry, Boring Terminated

Bentonite
2" PVC
Sand Pack (8/16)

06-26-2023 P:\2022 PROJECTS\EARTHSTONE ENERGY\RSC\226700 Diamondback 24-25 CTB\7 - Figures\Boring Log\TMW1.bor

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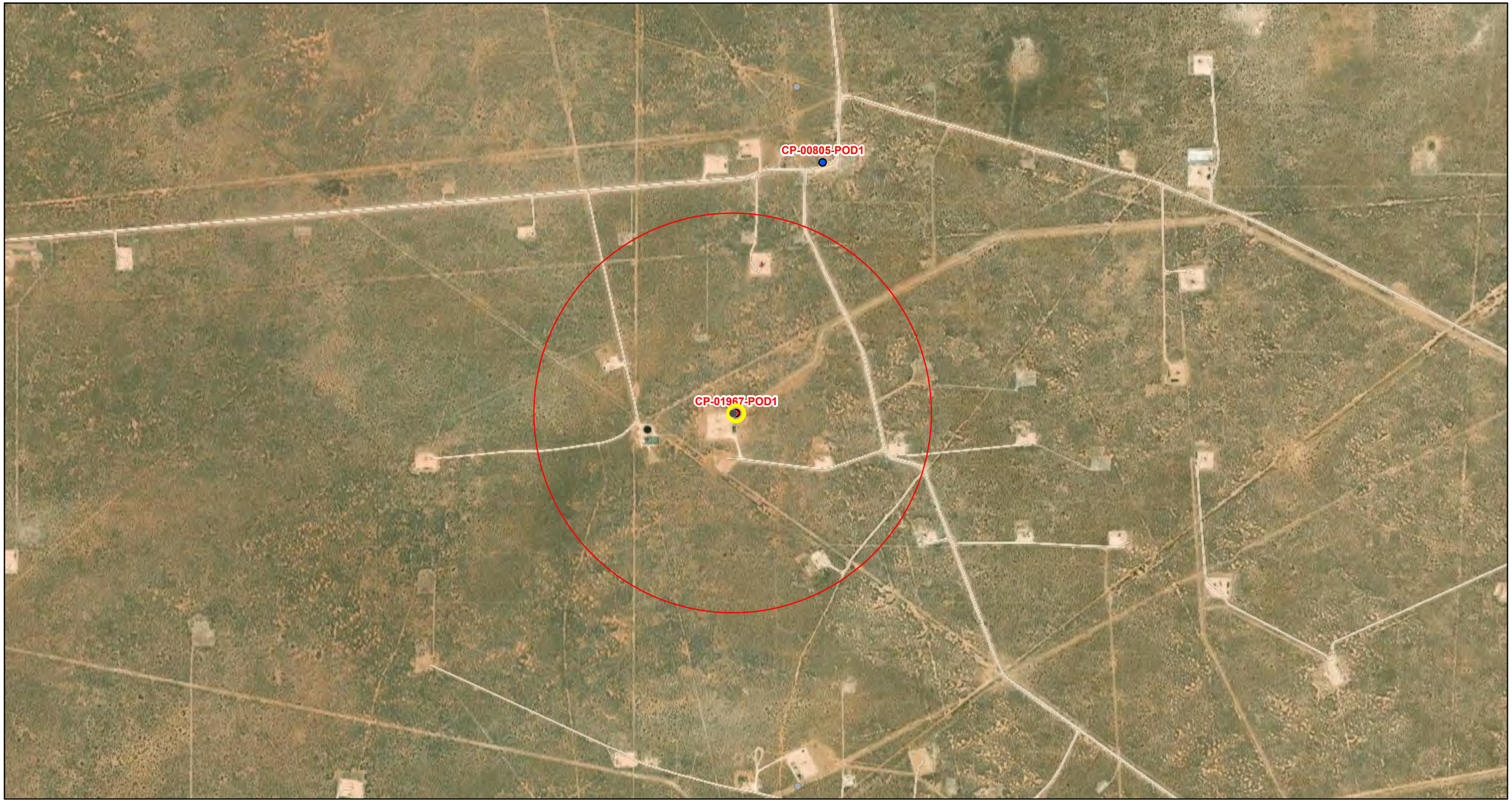
OSE POD Location Map



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GIS WATERS PODs

- Active
- Plugged

1:18,056

0 0.17 0.35 0.7 mi

0 0.3 0.6 1.2 km

Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

Online web user

This is an unofficial map from the OSE's online application.

Released to Imaging: 4/2/2025 11:15:09 AM
Received by OCD: 12/17/2024 1:26:22 PM

Site Characterization Map

12/31/2022, 10:17:38 AM

OSE PODs
- Active
- Inactive
- Pending
- Changed Location of Well
- Capped
- Plugged
- Unknown

Karst Occurrence Potential
- Low

PLSS First Division

PLSS Second Division

1:4,514

0 0.05 0.1 0.19 mi

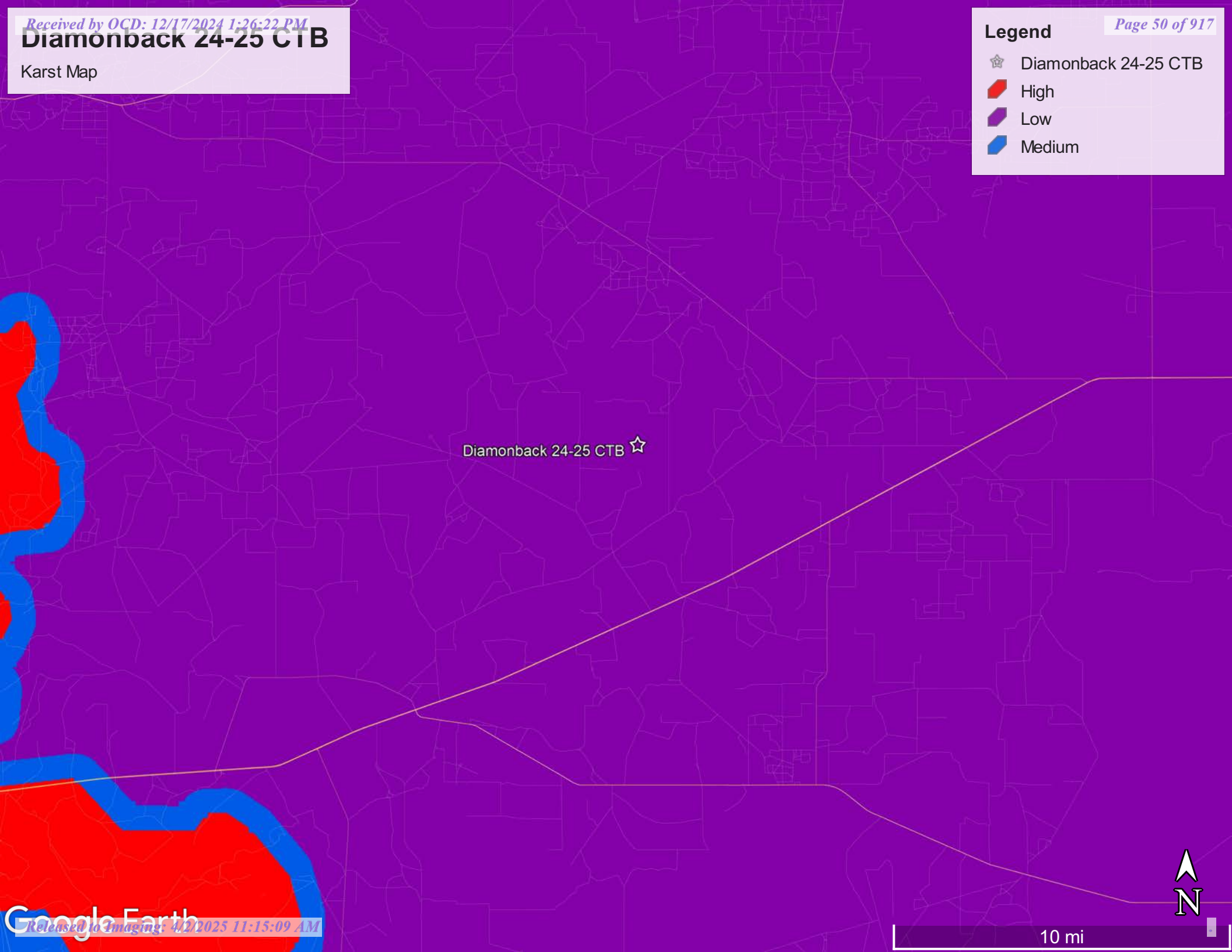
0 0.07 0.15 0.3 km

BLM, OCD, New Mexico Tech, OSE GIS, USGS, Esri, HERE, Garmin, iPC, Maxar, NM OSE, BLM

Received by OCD: 12/17/2024 1:26:22 PM

Diamonback 24-25 CTB

Karst Map



Released to Imaging: 4/2/2025 11:15:09 AM

Received by OCD: 12/17/2024 1:26:22 PM

U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetland Mapper

January 3, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

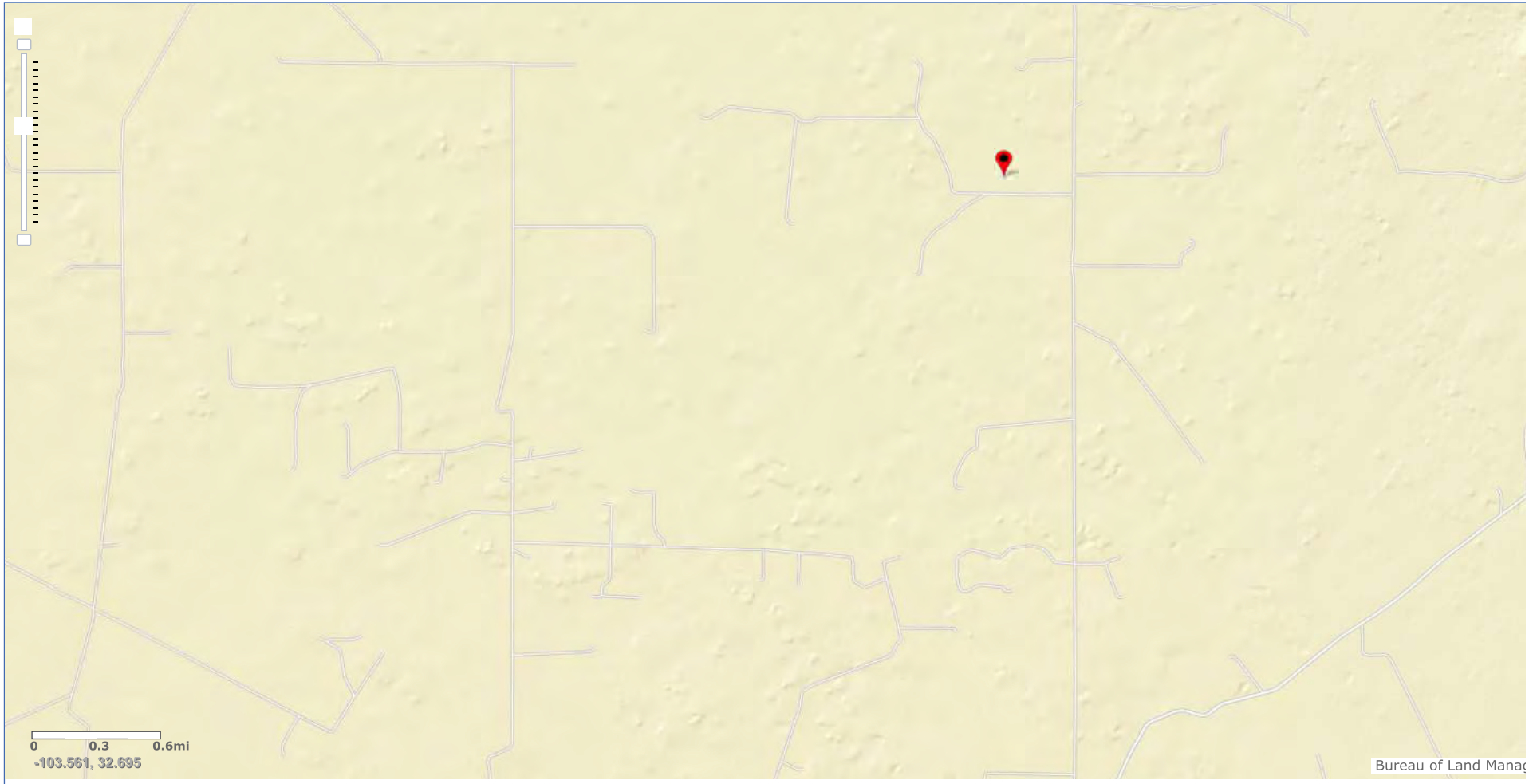
Released to Imaging: 4/2/2025 11:15:09 AM

Released to Imaging: 4/2/2025 11:15:09 AM

Received by OCD: 12/17/2024 1:26:22 PM

USGS science for a changing world

National Water Information System: Mapper



Site Information

Page 52 of 917

Released to Imaging: 4/2/2025 11:15:09 AM

Received by OCD: 12/17/2024 1:26:22 PM

National Water Information System: Web Interface

USGS Water Resources

Data Category: Site Information | Geographic Area: United States | GO

Click to hideNews Bulletins

- See the Water Data for the Nation Blog for the latest news and updates.

USGS 324046103360401 19S.34E.06.341434

Available data for this site SUMMARY OF ALL AVAILABLE DATA | GO

Well Site

DESCRIPTION:

Latitude 32°41'02.3", Longitude 103°36'09.30" NAD83
Lea County, New Mexico , Hydrologic Unit 13060011
Well depth: 500 feet
Land surface altitude: 3,776.00 feet above NGVD29.
Well completed in "Other aquifers" (N9999OTHER) national aquifer.
Well completed in "Santa Rosa Sandstone" (231SNRS) local aquifer

AVAILABLE DATA:

Data Type	Begin Date	End Date	Count
Field groundwater-level measurements	1968-03-18	2022-02-16	14
Revisions	Unavailable (site:0) (timeseries:0)		
Additional Data Sources	**Begin Date**	**End Date**	**Count**
Annual Water-Data Report (pdf) **offsite**	2011	2011	1

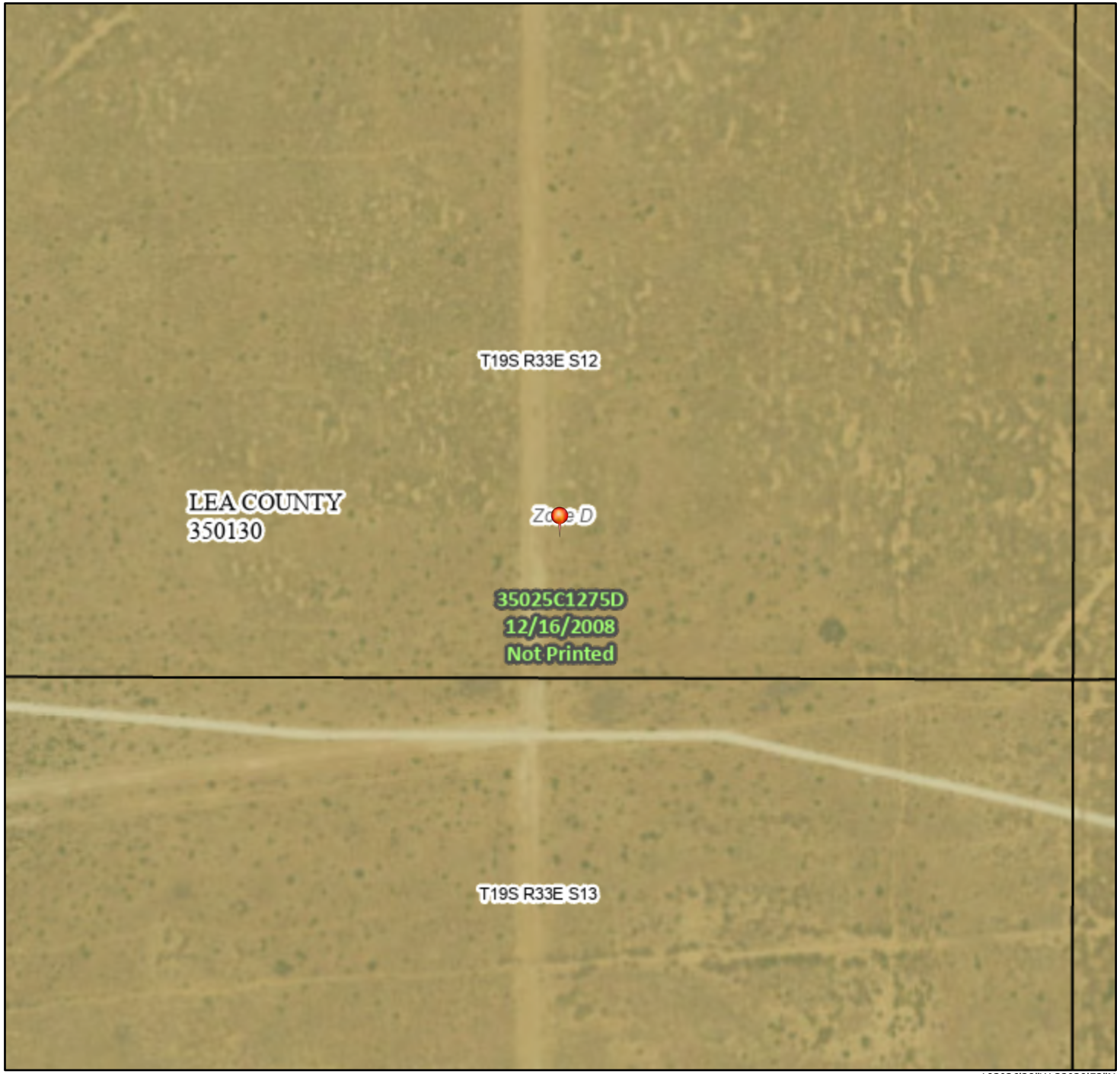
Page 53 of 917

Received by OCD: 12/17/2024 1:26:22 PM

National Flood Hazard Layer FIRMette

FEMA

103°37'5"W 32°40'22"N



103°36'28"W 32°39'52"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Released to Imaging: 4/2/2025 11:15:09 AM

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance / Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/3/2023 at 12:40 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

ATTACHMENT B: PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Earthstone Operating, LLC (Permian Resources)

Photograph No. 1

Facility: Diamondback 24-25 CTB

County: Lea County, New Mexico

Description:

View of 0.5 ft Excavation Area

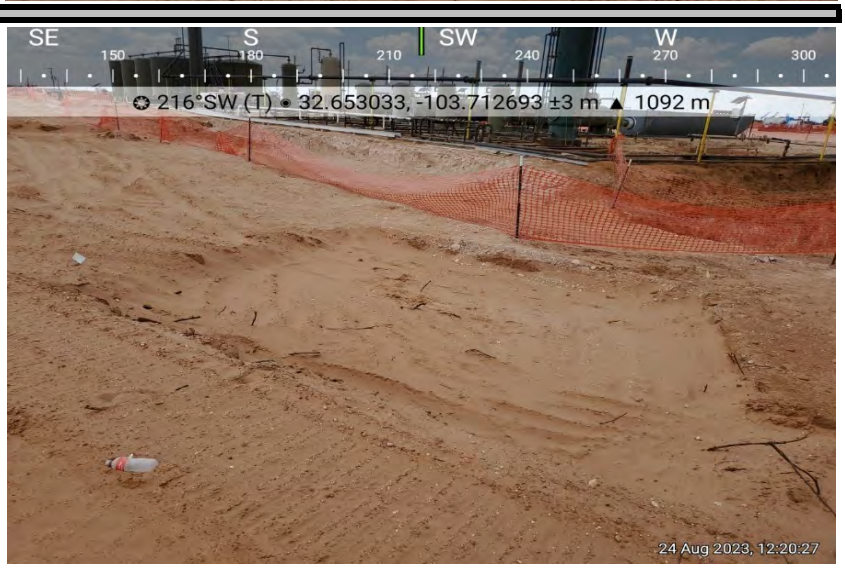
Photograph No. 2

Facility: Diamondback 24-25 CTB

County: Lea County, New Mexico

Description:

View of 1 ft Excavation Area



Photograph No. 3

Facility: Diamondback 24-25 CTB

County: Lea County, New Mexico

Description:

View of 1.5 & 2 ft Excavation Area

PHOTOGRAPHIC LOG

Earthstone Operating, LLC (Permian Resources)

Photograph No. 4

Facility: Diamondback 24-25 CTB

County: Lea County, New Mexico

Description:

View of 1.5 ft Excavation Area

Photograph No. 5

Facility: Diamondback 24-25 CTB

County: Lea County, New Mexico

Description:

View of 3 ft Excavation Area

Photograph No. 6

Facility: Diamondback 24-25 CTB

County: Lea County, New Mexico

Description:
View of 4 ft Excavation Area

PHOTOGRAPHIC LOG

Earthstone Operating, LLC (Permian Resources)

Photograph No. 7

Facility: Diamondback 24-25 CTB

County: Lea County, New Mexico

Description:
View of 4 ft Excavation Area in Pasture

Photograph No. 8

Facility: Diamondback 24-25 CTB

County: Lea County, New Mexico

Description:
View of 4, 8, and 11 ft Excavation Areas

Photograph No. 9

Facility: Diamondback 24-25 CTB

County: Lea County, New Mexico

Description:
View of 12.5 ft Excavation Area

ATTACHMENT C: CONFIRMATION SAMPLING NOTIFICATIONS

From: Wells, Shelly, EMNRD
To: Ricardo Baer
Cc: Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD
Subject: RE: [EXTERNAL] Diamondback 24-25 CTB
Date: Wednesday, August 9, 2023 2:57:35 PM
Attachments: image001.png

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Good afternoon Ricardo,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Ricardo Baer <RBaer@ntglobal.com>
Sent: Wednesday, August 9, 2023 12:33 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Becky Haskell <bhaskell@ntglobal.com>; NTG Env Carlsbad <ntg_env_carlsbad@ntglobal.com>
Subject: [EXTERNAL] Diamondback 24-25 CTB

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

Good afternoon,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

Diamondback 24-25 CTB
A-24-19S-32E
Lea County, NM
nAPP2300652445

Sampling will begin at 8:00 a.m. on Monday, Aug 14, 2023, and continue through Friday, August 18, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO
Project Scientist
(432) 556-2006
Rbaer@ntglobal.com

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From: Wells, Shelly, EMNRD
To: Ricardo Baer
Cc: Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD
Subject: RE: [EXTERNAL] Diamondback 24-25 CTB
Date: Wednesday, August 16, 2023 5:46:11 PM
Attachments: image001.png

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Hi Ricardo,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Ricardo Baer <RBaer@ntglobal.com>
Sent: Wednesday, August 16, 2023 4:15 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Becky Haskell <bhaskell@ntglobal.com>; NTG Env Carlsbad <ntg_env_carlsbad@ntglobal.com>
Subject: [EXTERNAL] Diamondback 24-25 CTB

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

Good afternoon,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

Diamondback 24-25 CTB
A-24-19S-32E
Lea County, NM
nAPP2300652445

Sampling will begin at 8:00 a.m. on Monday, Aug 21, 2023, and continue through Friday, August 25, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO
Project Scientist
(432) 556-2006
Rbaer@ntglobal.com

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From: Wells, Shelly, EMNRD
To: Ricardo Baer
Cc: Bratcher, Michael, EMNRD; Velez, Nelson, EMNRD
Subject: RE: [EXTERNAL] Diamondback 24-25 CTB
Date: Wednesday, August 23, 2023 5:02:58 PM
Attachments: image001.png

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Hi Ricardo,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Ricardo Baer <RBaer@ntglobal.com>
Sent: Wednesday, August 23, 2023 1:20 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Becky Haskell <bhaskell@ntglobal.com>
Subject: FW: [EXTERNAL] Diamondback 24-25 CTB

Diamondback 24-25 CTB
A-24-19S-32E
Lea County, NM
nAPP2300652445

Sampling will begin at 8:00 a.m. on Monday, Aug 28, 2023, and continue through Friday, September 1, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO

Project Scientist
(432) 556-2006
Rbaer@ntglobal.com

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From: Rodgers, Scott, EMNRD
To: Ricardo Baer
Cc: Becky Haskell; NTG Env Carlsbad; Velez, Nelson, EMNRD; Bratcher, Michael, EMNRD
Subject: RE: [EXTERNAL] Diamondback 24-25 CTB
Date: Wednesday, September 13, 2023 3:12:50 PM
Attachments: image003.png

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The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,
Scott

Scott Rodgers ● Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
http://www.emnrd.nm.gov/ocd

From: Ricardo Baer <RBaer@ntglobal.com>
Sent: Wednesday, September 13, 2023 1:23 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Becky Haskell <bhaskell@ntglobal.com>; NTG Env Carlsbad <ntg_env_carlsbad@ntglobal.com>
Subject: [EXTERNAL] Diamondback 24-25 CTB

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Hi Ricardo,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Good afternoon,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

Diamondback 24-25 CTB
A-24-19S-32E
Lea County, NM
nAPP2300652445

Sampling will begin at 8:00 a.m. on Monday, September 18, 2023, and continue through Friday, September 22, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO
Project Scientist
(432) 556-2006
Rbaer@ntglobal.com

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way to waive confidentiality. If you have received this transmission in error, please alert the sender by reply e-mail; we also request that you immediately delete this message and its attachments, if any.

From: Wells, Shelly, EMNRD
To: Ricardo Baer; Velez, Nelson, EMNRD; Bratcher, Michael, EMNRD
Cc: Becky Haskell
Subject: RE: [EXTERNAL] Diamondback 24-25 CTB
Date: Wednesday, October 4, 2023 3:55:46 PM
Attachments: image001.png

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Good afternoon Ricardo,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520|Shelly.Wells@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

From: Ricardo Baer <RBaer@ntglobal.com>
Sent: Wednesday, October 4, 2023 2:13 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Becky Haskell <bhaskell@ntglobal.com>; NTG Env Carlsbad <ntg_env_carlsbad@ntglobal.com>
Subject: [EXTERNAL] Diamondback 24-25 CTB

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

Good afternoon,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

Diamondback 24-25 CTB
A-24-19S-32E
Lea County, NM
nAPP2300652445

Sampling will begin at 8:00 a.m. on Monday, October 9, 2023, and continue through Friday, October 13, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO
Project Scientist
(432) 556-2006
Rbaer@ntglobal.com

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From: Ricardo Baer
To: ocd.enviro@emnrd.nm.gov
Cc: NTG Env Carlsbad; Becky Haskell
Subject: Diamondback 24-25 CTB
Date: Wednesday, December 6, 2023 1:16:53 PM
Attachments: image001.png

Good afternoon,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits notification of sampling to be conducted at the below location.

Diamondback 24-25 CTB
A-24-19S-32E
Lea County, NM
nAPP2300652445

Sampling will begin at 8:00 a.m. on Monday, December 11, 2023, and continue through Friday, December 15, 2023. Please let me know if you have any questions.

Thank you,

Ricardo Baer, CSHO
Project Scientist
(432) 556-2006
Rbaer@ntglobal.com

ATTACHMENT D: LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Becky Haskell
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Generated 1/27/2023 7:39:05 AM Revision 1

JOB DESCRIPTION

Diamondback 24-25 Fed Com Battery
SDG NUMBER Lea County NM

JOB NUMBER

890-3780-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 4/2/2025 11:15:09 AM

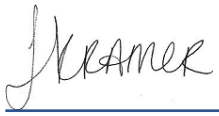
my EOL

Eurofins Carlsbad

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
1/27/2023 7:39:05 AM
Revision 1

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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QC Sample Results 24
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Sample Summary 47
Chain of Custody 48
Receipt Checklists 50

Released to Imaging: 4/2/2025 11:15:09 AM

Definitions/Glossary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Job ID: 890-3780-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3780-1

REVISION

The report being provided is a revision of the original report sent on 1/16/2023. The report (revision 1) is being revised due to Per client email, requesting chloride data be reviewed.

Report revision history

Receipt
The samples were received on 1/6/2023 4:08 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-0.5') (890-3780-1), S-1 (1-1.5') (890-3780-2), S-1 (2-2.5') (890-3780-3), S-1 (3-3.5') (890-3780-4), S-1 (4-4.5') (890-3780-5), S-1 (5-5.5') (890-3780-6), S-2 (0-0.5') (890-3780-7), S-2 (1-1.5') (890-3780-8), S-2 (2-2.5') (890-3780-9), S-2 (3-3.5') (890-3780-10), S-2 (4-4.5') (890-3780-11), S-2 (5-5.5') (890-3780-12), H-1 (0-0.5') (890-3780-13), H-2 (0-0.5') (890-3780-14), H-3 (0-0.5') (890-3780-15), H-4 (0-0.5') (890-3780-16), H-5 (0-0.5') (890-3780-17), H-6 (0-0.5') (890-3780-18), H-7 (0-0.5') (890-3780-19) and H-8 (0-0.5') (890-3780-20).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: (MB 880-43512/5-A) and (MB 880-43537/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: H-5 (0-0.5') (890-3780-17). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-43832 and analytical batch 880-43866 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-43744/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43639 and 880-43639 and analytical batch 880-43702 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-44628 and analytical batch 880-44685 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-44423 and analytical batch 880-44568 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because

Case Narrative

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Job ID: 890-3780-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: S-1 (0-0.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-1

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/09/23 11:08	01/13/23 02:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/09/23 11:08	01/13/23 02:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/09/23 11:08	01/13/23 02:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/09/23 11:08	01/13/23 02:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/09/23 11:08	01/13/23 02:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/09/23 11:08	01/13/23 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*01/09/23 11:08*	*01/13/23 02:21*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/09/23 11:08*	*01/13/23 02:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/13/23 08:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 10:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 10:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 10:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*01/11/23 13:21*	*01/12/23 10:37*	*1*
o-Terphenyl	*115*		*70 - 130*	*01/11/23 13:21*	*01/12/23 10:37*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**	**F1**	5.01		mg/Kg			01/12/23 23:45	1

Client Sample ID: S-1 (1-1.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 02:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 02:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 02:48	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/09/23 11:08	01/13/23 02:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 02:48	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/09/23 11:08	01/13/23 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*01/09/23 11:08*	*01/13/23 02:48*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*01/09/23 11:08*	*01/13/23 02:48*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: S-1 (1-1.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-2

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/13/23 08:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/11/23 13:21	01/12/23 11:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/11/23 13:21	01/12/23 11:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/11/23 13:21	01/12/23 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*01/11/23 13:21*	*01/12/23 11:43*	*1*
o-Terphenyl	*106*		*70 - 130*	*01/11/23 13:21*	*01/12/23 11:43*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1210**		4.99		mg/Kg			01/13/23 13:50	1

Client Sample ID: S-1 (2-2.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-3

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 03:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 03:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 03:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/09/23 11:08	01/13/23 03:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 03:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/09/23 11:08	01/13/23 03:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*01/09/23 11:08*	*01/13/23 03:15*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*01/09/23 11:08*	*01/13/23 03:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/23 08:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 12:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 12:04	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: S-1 (2-2.5')

Lab Sample ID: 890-3780-3
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*01/11/23 13:21*	*01/12/23 12:04*	*1*
o-Terphenyl	*97*		*70 - 130*	*01/11/23 13:21*	*01/12/23 12:04*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**73.3**		5.00		mg/Kg			01/13/23 00:04	1

Client Sample ID: S-1 (3-3.5')

Lab Sample ID: 890-3780-4
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/09/23 11:08	01/13/23 03:42	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/09/23 11:08	01/13/23 03:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/09/23 11:08	01/13/23 03:42	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/09/23 11:08	01/13/23 03:42	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/09/23 11:08	01/13/23 03:42	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/09/23 11:08	01/13/23 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*01/09/23 11:08*	*01/13/23 03:42*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*01/09/23 11:08*	*01/13/23 03:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/13/23 08:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/11/23 13:21	01/12/23 12:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/11/23 13:21	01/12/23 12:26	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/11/23 13:21	01/12/23 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*01/11/23 13:21*	*01/12/23 12:26*	*1*
o-Terphenyl	*96*		*70 - 130*	*01/11/23 13:21*	*01/12/23 12:26*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**127**		4.98		mg/Kg			01/13/23 00:09	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: S-1 (4-4.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-5

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 04:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 04:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 04:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/09/23 11:08	01/13/23 04:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 04:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/09/23 11:08	01/13/23 04:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*01/09/23 11:08*	*01/13/23 04:08*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*01/09/23 11:08*	*01/13/23 04:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/23 08:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 12:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 12:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*01/11/23 13:21*	*01/12/23 12:48*	*1*
o-Terphenyl	*97*		*70 - 130*	*01/11/23 13:21*	*01/12/23 12:48*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**		4.95		mg/Kg			01/13/23 00:14	1

Client Sample ID: S-1 (5-5.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-6

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 04:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 04:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 04:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/09/23 11:08	01/13/23 04:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 04:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/09/23 11:08	01/13/23 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*01/09/23 11:08*	*01/13/23 04:35*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/09/23 11:08*	*01/13/23 04:35*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: S-1 (5-5.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-6

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/23 08:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 13:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 13:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*01/11/23 13:21*	*01/12/23 13:09*	*1*
o-Terphenyl	*94*		*70 - 130*	*01/11/23 13:21*	*01/12/23 13:09*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**179**		5.05		mg/Kg			01/13/23 00:28	1

Client Sample ID: S-2 (0-0.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-7

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/09/23 11:08	01/13/23 05:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/09/23 11:08	01/13/23 05:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/09/23 11:08	01/13/23 05:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/09/23 11:08	01/13/23 05:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/09/23 11:08	01/13/23 05:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/09/23 11:08	01/13/23 05:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*01/09/23 11:08*	*01/13/23 05:02*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/09/23 11:08*	*01/13/23 05:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/13/23 08:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 13:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 13:31	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: S-2 (0-0.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-7
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*01/11/23 13:21*	*01/12/23 13:31*	*1*
o-Terphenyl	*106*		*70 - 130*	*01/11/23 13:21*	*01/12/23 13:31*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1390**	**F1**	25.1		mg/Kg			01/24/23 03:51	5

Client Sample ID: S-2 (1-1.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0437**		0.00200		mg/Kg		01/09/23 11:08	01/13/23 05:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 05:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 05:29	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/09/23 11:08	01/13/23 05:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 05:29	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/09/23 11:08	01/13/23 05:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*01/09/23 11:08*	*01/13/23 05:29*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*01/09/23 11:08*	*01/13/23 05:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0437**		0.00401		mg/Kg			01/13/23 08:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 13:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 13:53	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*01/11/23 13:21*	*01/12/23 13:53*	*1*
o-Terphenyl	*95*		*70 - 130*	*01/11/23 13:21*	*01/12/23 13:53*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56.2**		4.97		mg/Kg			01/24/23 04:09	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: S-2 (2-2.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-9

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 05:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 05:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 05:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/09/23 11:08	01/13/23 05:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 05:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/09/23 11:08	01/13/23 05:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*01/09/23 11:08*	*01/13/23 05:56*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/09/23 11:08*	*01/13/23 05:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/23 08:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 14:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 14:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*88*		*70 - 130*	*01/11/23 13:21*	*01/12/23 14:14*	*1*
o-Terphenyl	*78*		*70 - 130*	*01/11/23 13:21*	*01/12/23 14:14*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**227**		4.99		mg/Kg			01/24/23 04:15	1

Client Sample ID: S-2 (3-3.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-10

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 06:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 06:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 06:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/09/23 11:08	01/13/23 06:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 06:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/09/23 11:08	01/13/23 06:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*01/09/23 11:08*	*01/13/23 06:23*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/09/23 11:08*	*01/13/23 06:23*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: S-2 (3-3.5')

Lab Sample ID: 890-3780-10
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/23 08:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 14:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 14:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 14:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*01/11/23 13:21*	*01/12/23 14:36*	*1*
o-Terphenyl	*88*		*70 - 130*	*01/11/23 13:21*	*01/12/23 14:36*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**838**		5.05		mg/Kg			01/24/23 04:21	1

Client Sample ID: S-2 (4-4.5')

Lab Sample ID: 890-3780-11
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 08:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 08:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 08:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/09/23 11:08	01/13/23 08:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 08:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/09/23 11:08	01/13/23 08:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*01/09/23 11:08*	*01/13/23 08:12*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*01/09/23 11:08*	*01/13/23 08:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/23 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/11/23 13:21	01/12/23 15:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/11/23 13:21	01/12/23 15:42	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: S-2 (4-4.5')

Lab Sample ID: 890-3780-11
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/11/23 13:21	01/12/23 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*01/11/23 13:21*	*01/12/23 15:42*	*1*
o-Terphenyl	*95*		*70 - 130*	*01/11/23 13:21*	*01/12/23 15:42*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3300**		25.2		mg/Kg			01/24/23 04:28	5

Client Sample ID: S-2 (5-5.5')

Lab Sample ID: 890-3780-12
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 08:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 08:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 08:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/09/23 11:08	01/13/23 08:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 08:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/09/23 11:08	01/13/23 08:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*01/09/23 11:08*	*01/13/23 08:39*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*01/09/23 11:08*	*01/13/23 08:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/23 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 16:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 16:04	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*01/11/23 13:21*	*01/12/23 16:04*	*1*
o-Terphenyl	*105*		*70 - 130*	*01/11/23 13:21*	*01/12/23 16:04*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3110**		25.0		mg/Kg			01/24/23 04:46	5

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 890-3780-13
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 09:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 09:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 09:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/09/23 11:08	01/13/23 09:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 09:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/09/23 11:08	01/13/23 09:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*01/09/23 11:08*	*01/13/23 09:06*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*01/09/23 11:08*	*01/13/23 09:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/23 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 16:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 16:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*01/11/23 13:21*	*01/12/23 16:26*	*1*
o-Terphenyl	*86*		*70 - 130*	*01/11/23 13:21*	*01/12/23 16:26*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**217**		4.96		mg/Kg			01/13/23 01:11	1

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 890-3780-14
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 09:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 09:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 09:33	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/09/23 11:08	01/13/23 09:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 09:33	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/09/23 11:08	01/13/23 09:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*01/09/23 11:08*	*01/13/23 09:33*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*01/09/23 11:08*	*01/13/23 09:33*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 890-3780-14
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/13/23 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**96.8**		49.9		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 16:48	1
Diesel Range Organics (Over C10-C28)	**96.8**		49.9		mg/Kg		01/11/23 13:21	01/12/23 16:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 130*	*01/11/23 13:21*	*01/12/23 16:48*	*1*
o-Terphenyl	*85*		*70 - 130*	*01/11/23 13:21*	*01/12/23 16:48*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.1**		5.04		mg/Kg			01/13/23 01:25	1

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 890-3780-15
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 09:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 09:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 09:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/09/23 11:08	01/13/23 09:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 09:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/09/23 11:08	01/13/23 09:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*01/09/23 11:08*	*01/13/23 09:59*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/09/23 11:08*	*01/13/23 09:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/23 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**86.1**		50.0		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 17:10	1
Diesel Range Organics (Over C10-C28)	**86.1**		50.0		mg/Kg		01/11/23 13:21	01/12/23 17:10	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 890-3780-15
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*01/11/23 13:21*	*01/12/23 17:10*	*1*
o-Terphenyl	*89*		*70 - 130*	*01/11/23 13:21*	*01/12/23 17:10*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**123**		4.98		mg/Kg			01/13/23 01:30	1

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 890-3780-16
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 10:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 10:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 10:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/09/23 11:08	01/13/23 10:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/09/23 11:08	01/13/23 10:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/09/23 11:08	01/13/23 10:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*01/09/23 11:08*	*01/13/23 10:26*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/09/23 11:08*	*01/13/23 10:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/23 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**88.5**		49.9		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 17:32	1
Diesel Range Organics (Over C10-C28)	**88.5**		49.9		mg/Kg		01/11/23 13:21	01/12/23 17:32	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*116*		*70 - 130*	*01/11/23 13:21*	*01/12/23 17:32*	*1*
o-Terphenyl	*99*		*70 - 130*	*01/11/23 13:21*	*01/12/23 17:32*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**109**		4.95		mg/Kg			01/13/23 01:35	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 890-3780-17
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0859**		0.00200		mg/Kg		01/12/23 14:48	01/14/23 07:43	1
Toluene	**0.0352**		0.00200		mg/Kg		01/12/23 14:48	01/14/23 07:43	1
Ethylbenzene	**0.0809**		0.00200		mg/Kg		01/12/23 14:48	01/14/23 07:43	1
m-Xylene & p-Xylene	**0.0266**		0.00399		mg/Kg		01/12/23 14:48	01/14/23 07:43	1
o-Xylene	**0.0991**		0.00200		mg/Kg		01/12/23 14:48	01/14/23 07:43	1
Xylenes, Total	**0.126**		0.00399		mg/Kg		01/12/23 14:48	01/14/23 07:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*195*	*S1+*	*70 - 130*	*01/12/23 14:48*	*01/14/23 07:43*	*1*
1,4-Difluorobenzene (Surr)	*50*	*S1-*	*70 - 130*	*01/12/23 14:48*	*01/14/23 07:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.328**		0.00399		mg/Kg			01/16/23 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**130**		49.9		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 17:54	1
Diesel Range Organics (Over C10-C28)	**130**		49.9		mg/Kg		01/11/23 13:21	01/12/23 17:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:21	01/12/23 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*01/11/23 13:21*	*01/12/23 17:54*	*1*
o-Terphenyl	*87*		*70 - 130*	*01/11/23 13:21*	*01/12/23 17:54*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**63.6**		5.00		mg/Kg			01/13/23 01:39	1

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 890-3780-18
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 11:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 11:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 11:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/09/23 11:08	01/13/23 11:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 11:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/09/23 11:08	01/13/23 11:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*01/09/23 11:08*	*01/13/23 11:19*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/09/23 11:08*	*01/13/23 11:19*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 890-3780-18
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/23 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**126**		50.0		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 18:16	1
Diesel Range Organics (Over C10-C28)	**126**		50.0		mg/Kg		01/11/23 13:21	01/12/23 18:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*01/11/23 13:21*	*01/12/23 18:16*	*1*
o-Terphenyl	*88*		*70 - 130*	*01/11/23 13:21*	*01/12/23 18:16*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**336**		5.00		mg/Kg			01/13/23 01:44	1

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 890-3780-19
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/09/23 11:08	01/13/23 11:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/09/23 11:08	01/13/23 11:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/09/23 11:08	01/13/23 11:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/09/23 11:08	01/13/23 11:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/09/23 11:08	01/13/23 11:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/09/23 11:08	01/13/23 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*01/09/23 11:08*	*01/13/23 11:46*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/09/23 11:08*	*01/13/23 11:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/13/23 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**122**		50.0		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 18:38	1
Diesel Range Organics (Over C10-C28)	**122**		50.0		mg/Kg		01/11/23 13:21	01/12/23 18:38	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 890-3780-19
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*01/11/23 13:21*	*01/12/23 18:38*	*1*
o-Terphenyl	*98*		*70 - 130*	*01/11/23 13:21*	*01/12/23 18:38*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		5.03		mg/Kg			01/13/23 01:49	1

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 890-3780-20
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 12:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 12:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 12:13	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/09/23 11:08	01/13/23 12:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 12:13	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/09/23 11:08	01/13/23 12:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*01/09/23 11:08*	*01/13/23 12:13*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*01/09/23 11:08*	*01/13/23 12:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/13/23 13:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**111**		50.0		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 19:00	1
Diesel Range Organics (Over C10-C28)	**111**		50.0		mg/Kg		01/11/23 13:21	01/12/23 19:00	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 130*	*01/11/23 13:21*	*01/12/23 19:00*	*1*
o-Terphenyl	*103*		*70 - 130*	*01/11/23 13:21*	*01/12/23 19:00*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.3**		4.99		mg/Kg			01/13/23 01:53	1

Surrogate Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-3780-1	S-1 (0-0.5')	90	89
890-3780-1 MS	S-1 (0-0.5')	108	96
890-3780-1 MSD	S-1 (0-0.5')	99	99
890-3780-2	S-1 (1-1.5')	106	98
890-3780-3	S-1 (2-2.5')	114	87
890-3780-4	S-1 (3-3.5')	101	94
890-3780-5	S-1 (4-4.5')	93	90
890-3780-6	S-1 (5-5.5')	99	93
890-3780-7	S-2 (0-0.5')	102	89
890-3780-8	S-2 (1-1.5')	106	90
890-3780-9	S-2 (2-2.5')	87	97
890-3780-10	S-2 (3-3.5')	101	96
890-3780-11	S-2 (4-4.5')	104	85
890-3780-12	S-2 (5-5.5')	112	94
890-3780-13	H-1 (0-0.5')	118	98
890-3780-14	H-2 (0-0.5')	112	94
890-3780-15	H-3 (0-0.5')	96	96
890-3780-16	H-4 (0-0.5')	101	93
890-3780-17	H-5 (0-0.5')	195 S1+	50 S1-
890-3780-18	H-6 (0-0.5')	85	106
890-3780-19	H-7 (0-0.5')	117	97
890-3780-20	H-8 (0-0.5')	102	97
890-3817-A-4-D MS	Matrix Spike	121	100
890-3817-A-4-E MSD	Matrix Spike Duplicate	129	98
LCS 880-43512/1-A	Lab Control Sample	108	94
LCS 880-43832/1-A	Lab Control Sample	108	102
LCSD 880-43512/2-A	Lab Control Sample Dup	116	110
LCSD 880-43832/2-A	Lab Control Sample Dup	106	104
MB 880-43512/5-A	Method Blank	68 S1-	90
MB 880-43537/5-A	Method Blank	66 S1-	84
MB 880-43654/5-A	Method Blank	106	103
MB 880-43832/5-B	Method Blank	109	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-3780-1	S-1 (0-0.5')	121	115
890-3780-1 MS	S-1 (0-0.5')	102	89
890-3780-1 MSD	S-1 (0-0.5')	99	88
890-3780-2	S-1 (1-1.5')	119	106
890-3780-3	S-1 (2-2.5')	102	97
890-3780-4	S-1 (3-3.5')	103	96
890-3780-5	S-1 (4-4.5')	103	97

Surrogate Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-3780-6	S-1 (5-5.5')	101	94
890-3780-7	S-2 (0-0.5')	114	106
890-3780-8	S-2 (1-1.5')	112	95
890-3780-9	S-2 (2-2.5')	88	78
890-3780-10	S-2 (3-3.5')	99	88
890-3780-11	S-2 (4-4.5')	102	95
890-3780-12	S-2 (5-5.5')	114	105
890-3780-13	H-1 (0-0.5')	93	86
890-3780-14	H-2 (0-0.5')	94	85
890-3780-15	H-3 (0-0.5')	98	89
890-3780-16	H-4 (0-0.5')	116	99
890-3780-17	H-5 (0-0.5')	96	87
890-3780-18	H-6 (0-0.5')	97	88
890-3780-19	H-7 (0-0.5')	109	98
890-3780-20	H-8 (0-0.5')	119	103
LCS 880-43744/2-A	Lab Control Sample	103	94
LCSD 880-43744/3-A	Lab Control Sample Dup	105	95
MB 880-43744/1-A	Method Blank	166 S1+	146 S1+

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-43512/5-A
Matrix: Solid
Analysis Batch: 43784

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43512

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 01:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 01:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 01:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/09/23 11:08	01/13/23 01:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 11:08	01/13/23 01:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/09/23 11:08	01/13/23 01:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*01/09/23 11:08*	*01/13/23 01:53*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*01/09/23 11:08*	*01/13/23 01:53*	*1*

Lab Sample ID: LCS 880-43512/1-A
Matrix: Solid
Analysis Batch: 43784

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43512

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1009		mg/Kg		101	70 - 130
Toluene	0.100	0.1031		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1057		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.2195		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1047		mg/Kg		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-43512/2-A
Matrix: Solid
Analysis Batch: 43784

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43512

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1190		mg/Kg		119	70 - 130	16	35
Toluene	0.100	0.1147		mg/Kg		115	70 - 130	11	35
Ethylbenzene	0.100	0.1154		mg/Kg		115	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2409		mg/Kg		120	70 - 130	9	35
o-Xylene	0.100	0.1167		mg/Kg		117	70 - 130	11	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: 890-3780-1 MS
Matrix: Solid
Analysis Batch: 43784

Client Sample ID: S-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 43512

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.101	0.09723		mg/Kg		96	70 - 130
Toluene	<0.00201	U	0.101	0.09380		mg/Kg		93	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

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

Lab Sample ID: 890-3780-1 MS
Matrix: Solid
Analysis Batch: 43784

Client Sample ID: S-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 43512

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.101	0.09258		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.202	0.1907		mg/Kg		95	70 - 130
o-Xylene	<0.00201	U	0.101	0.09332		mg/Kg		93	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 890-3780-1 MSD
Matrix: Solid
Analysis Batch: 43784

Client Sample ID: S-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 43512

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.09153		mg/Kg		92	70 - 130	6	35
Toluene	<0.00201	U	0.0990	0.07946		mg/Kg		80	70 - 130	17	35
Ethylbenzene	<0.00201	U	0.0990	0.08014		mg/Kg		81	70 - 130	14	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.1655		mg/Kg		84	70 - 130	14	35
o-Xylene	<0.00201	U	0.0990	0.07985		mg/Kg		81	70 - 130	16	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 880-43537/5-A
Matrix: Solid
Analysis Batch: 43784

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43537

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/23 12:27	01/12/23 12:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 12:27	01/12/23 12:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 12:27	01/12/23 12:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/09/23 12:27	01/12/23 12:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 12:27	01/12/23 12:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/09/23 12:27	01/12/23 12:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*01/09/23 12:27*	*01/12/23 12:08*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*01/09/23 12:27*	*01/12/23 12:08*	*1*

Lab Sample ID: MB 880-43654/5-A
Matrix: Solid
Analysis Batch: 43866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43654

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 12:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 12:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 12:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/10/23 13:07	01/13/23 12:31	1

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

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

Lab Sample ID: MB 880-43654/5-A
Matrix: Solid
Analysis Batch: 43866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43654

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 12:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/10/23 13:07	01/13/23 12:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*01/10/23 13:07*	*01/13/23 12:31*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/10/23 13:07*	*01/13/23 12:31*	*1*

Lab Sample ID: MB 880-43832/5-B
Matrix: Solid
Analysis Batch: 43866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 00:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 00:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 00:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/12/23 14:48	01/14/23 00:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 00:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/12/23 14:48	01/14/23 00:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*01/12/23 14:48*	*01/14/23 00:17*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*01/12/23 14:48*	*01/14/23 00:17*	*1*

Lab Sample ID: LCS 880-43832/1-A
Matrix: Solid
Analysis Batch: 43866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43832

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1081		mg/Kg		108	70 - 130
Toluene	0.100	0.1031		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.09995		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2033		mg/Kg		102	70 - 130
o-Xylene	0.100	0.09880		mg/Kg		99	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-43832/2-A
Matrix: Solid
Analysis Batch: 43866

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43832

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08851		mg/Kg		89	70 - 130	20	35
Toluene	0.100	0.08351		mg/Kg		84	70 - 130	21	35
Ethylbenzene	0.100	0.08255		mg/Kg		83	70 - 130	19	35
m-Xylene & p-Xylene	0.200	0.1689		mg/Kg		84	70 - 130	18	35
o-Xylene	0.100	0.08398		mg/Kg		84	70 - 130	16	35

Eurofins Carlsbad

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-3817-A-4-D MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 43866 — **Prep Batch: 43832**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1 F2	0.101	0.03806	F1	mg/Kg		38	70 - 130
Toluene	<0.00201	U F1	0.101	0.03900	F1	mg/Kg		38	70 - 130
Ethylbenzene	<0.00201	U F1	0.101	0.04328	F1	mg/Kg		43	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.202	0.08599	F1	mg/Kg		42	70 - 130
o-Xylene	<0.00201	U F1	0.101	0.04492	F1	mg/Kg		44	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-3817-A-4-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 43866 — **Prep Batch: 43832**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1 F2	0.0990	0.02633	F1 F2	mg/Kg		27	70 - 130	36	35
Toluene	<0.00201	U F1	0.0990	0.02875	F1	mg/Kg		28	70 - 130	30	35
Ethylbenzene	<0.00201	U F1	0.0990	0.03064	F1	mg/Kg		31	70 - 130	34	35
m-Xylene & p-Xylene	<0.00402	U F1	0.198	0.06396	F1	mg/Kg		32	70 - 130	29	35
o-Xylene	<0.00201	U F1	0.0990	0.03464	F1	mg/Kg		34	70 - 130	26	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

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

Lab Sample ID: MB 880-43744/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 43779 — **Prep Batch: 43744**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 08:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 08:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:21	01/12/23 08:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	166	S1+	70 - 130	01/11/23 13:21	01/12/23 08:04	1
o-Terphenyl	146	S1+	70 - 130	01/11/23 13:21	01/12/23 08:04	1

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

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

Lab Sample ID: LCS 880-43744/2-A
Matrix: Solid
Analysis Batch: 43779

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43744

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	894.2		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	796.5		mg/Kg		80	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*94*		*70 - 130*

Lab Sample ID: LCSD 880-43744/3-A
Matrix: Solid
Analysis Batch: 43779

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43744

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	851.0		mg/Kg		85	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	864.4		mg/Kg		86	70 - 130	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*105*		*70 - 130*
o-Terphenyl	*95*		*70 - 130*

Lab Sample ID: 890-3780-1 MS
Matrix: Solid
Analysis Batch: 43779

Client Sample ID: S-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 43744

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1097		mg/Kg		107	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1034		mg/Kg		101	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*102*		*70 - 130*
o-Terphenyl	*89*		*70 - 130*

Lab Sample ID: 890-3780-1 MSD
Matrix: Solid
Analysis Batch: 43779

Client Sample ID: S-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 43744

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1049		mg/Kg		102	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1008		mg/Kg		99	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*99*		*70 - 130*

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

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

Lab Sample ID: 890-3780-1 MSD
Matrix: Solid
Analysis Batch: 43779

Client Sample ID: S-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 43744

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	88		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-43639/1-A
Matrix: Solid
Analysis Batch: 43702

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/12/23 23:31	1

Lab Sample ID: LCS 880-43639/2-A
Matrix: Solid
Analysis Batch: 43702

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	258.2		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-43639/3-A
Matrix: Solid
Analysis Batch: 43702

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	268.5		mg/Kg		107	90 - 110	4	20

Lab Sample ID: 890-3780-1 MS
Matrix: Solid
Analysis Batch: 43702

Client Sample ID: S-1 (0-0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	115	F1	251	305.9	F1	mg/Kg		76	90 - 110		

Lab Sample ID: 890-3780-1 MSD
Matrix: Solid
Analysis Batch: 43702

Client Sample ID: S-1 (0-0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	115	F1	251	307.2	F1	mg/Kg		77	90 - 110	0	20

Lab Sample ID: 890-3780-11 MS
Matrix: Solid
Analysis Batch: 43702

Client Sample ID: S-2 (4-4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	484	F1	251	653.6	F1	mg/Kg		68	90 - 110		

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-3780-11 MSD — **Client Sample ID: S-2 (4-4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43702

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	484	F1	251	688.4	F1	mg/Kg		82	90 - 110	5	20

Lab Sample ID: MB 880-44423/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 44568

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/24/23 03:32	1

Lab Sample ID: LCS 880-44423/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 44568

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	265.6		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-44423/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 44568

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	264.8		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 890-3780-7 MS — **Client Sample ID: S-2 (0-0.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 44568

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1390	F1	1260	2947	F1	mg/Kg		124	90 - 110

Lab Sample ID: 890-3780-7 MSD — **Client Sample ID: S-2 (0-0.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 44568

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1390	F1	1260	3132	F1	mg/Kg		139	90 - 110	6	20

Lab Sample ID: MB 880-44628/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 44685

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/24/23 23:16	1

Lab Sample ID: LCS 880-44628/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 44685

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	267.7		mg/Kg		107	90 - 110

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-44628/3-A
Matrix: Solid
Analysis Batch: 44685

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	268.3		mg/Kg		107	90 - 110		

Lab Sample ID: 890-3780-1 MS
Matrix: Solid
Analysis Batch: 44685

Client Sample ID: S-1 (0-0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3410		1260	4767		mg/Kg		108	90 - 110		

Lab Sample ID: 890-3780-1 MSD
Matrix: Solid
Analysis Batch: 44685

Client Sample ID: S-1 (0-0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3410		1260	4777		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 890-3780-11 MS
Matrix: Solid
Analysis Batch: 44685

Client Sample ID: S-2 (4-4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3040	F1	1250	4457	F1	mg/Kg		113	90 - 110		

Lab Sample ID: 890-3780-11 MSD
Matrix: Solid
Analysis Batch: 44685

Client Sample ID: S-2 (4-4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3040	F1	1250	4459	F1	mg/Kg		113	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

GC VOA

Prep Batch: 43512

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3780-1	S-1 (0-0.5')	Total/NA	Solid	5035	
890-3780-2	S-1 (1-1.5')	Total/NA	Solid	5035	
890-3780-3	S-1 (2-2.5')	Total/NA	Solid	5035	
890-3780-4	S-1 (3-3.5')	Total/NA	Solid	5035	
890-3780-5	S-1 (4-4.5')	Total/NA	Solid	5035	
890-3780-6	S-1 (5-5.5')	Total/NA	Solid	5035	
890-3780-7	S-2 (0-0.5')	Total/NA	Solid	5035	
890-3780-8	S-2 (1-1.5')	Total/NA	Solid	5035	
890-3780-9	S-2 (2-2.5')	Total/NA	Solid	5035	
890-3780-10	S-2 (3-3.5')	Total/NA	Solid	5035	
890-3780-11	S-2 (4-4.5')	Total/NA	Solid	5035	
890-3780-12	S-2 (5-5.5')	Total/NA	Solid	5035	
890-3780-13	H-1 (0-0.5')	Total/NA	Solid	5035	
890-3780-14	H-2 (0-0.5')	Total/NA	Solid	5035	
890-3780-15	H-3 (0-0.5')	Total/NA	Solid	5035	
890-3780-16	H-4 (0-0.5')	Total/NA	Solid	5035	
890-3780-18	H-6 (0-0.5')	Total/NA	Solid	5035	
890-3780-19	H-7 (0-0.5')	Total/NA	Solid	5035	
890-3780-20	H-8 (0-0.5')	Total/NA	Solid	5035	
MB 880-43512/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43512/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43512/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3780-1 MS	S-1 (0-0.5')	Total/NA	Solid	5035	
890-3780-1 MSD	S-1 (0-0.5')	Total/NA	Solid	5035	

Prep Batch: 43537

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-43537/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 43654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-43654/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 43784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3780-1	S-1 (0-0.5')	Total/NA	Solid	8021B	43512
890-3780-2	S-1 (1-1.5')	Total/NA	Solid	8021B	43512
890-3780-3	S-1 (2-2.5')	Total/NA	Solid	8021B	43512
890-3780-4	S-1 (3-3.5')	Total/NA	Solid	8021B	43512
890-3780-5	S-1 (4-4.5')	Total/NA	Solid	8021B	43512
890-3780-6	S-1 (5-5.5')	Total/NA	Solid	8021B	43512
890-3780-7	S-2 (0-0.5')	Total/NA	Solid	8021B	43512
890-3780-8	S-2 (1-1.5')	Total/NA	Solid	8021B	43512
890-3780-9	S-2 (2-2.5')	Total/NA	Solid	8021B	43512
890-3780-10	S-2 (3-3.5')	Total/NA	Solid	8021B	43512
890-3780-11	S-2 (4-4.5')	Total/NA	Solid	8021B	43512
890-3780-12	S-2 (5-5.5')	Total/NA	Solid	8021B	43512
890-3780-13	H-1 (0-0.5')	Total/NA	Solid	8021B	43512
890-3780-14	H-2 (0-0.5')	Total/NA	Solid	8021B	43512
890-3780-15	H-3 (0-0.5')	Total/NA	Solid	8021B	43512
890-3780-16	H-4 (0-0.5')	Total/NA	Solid	8021B	43512

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

GC VOA (Continued)

Analysis Batch: 43784 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3780-18	H-6 (0-0.5')	Total/NA	Solid	8021B	43512
890-3780-19	H-7 (0-0.5')	Total/NA	Solid	8021B	43512
890-3780-20	H-8 (0-0.5')	Total/NA	Solid	8021B	43512
MB 880-43512/5-A	Method Blank	Total/NA	Solid	8021B	43512
MB 880-43537/5-A	Method Blank	Total/NA	Solid	8021B	43537
LCS 880-43512/1-A	Lab Control Sample	Total/NA	Solid	8021B	43512
LCSD 880-43512/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43512
890-3780-1 MS	S-1 (0-0.5')	Total/NA	Solid	8021B	43512
890-3780-1 MSD	S-1 (0-0.5')	Total/NA	Solid	8021B	43512

Prep Batch: 43832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3780-17	H-5 (0-0.5')	Total/NA	Solid	5035	
MB 880-43832/5-B	Method Blank	Total/NA	Solid	5035	
LCS 880-43832/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43832/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3817-A-4-D MS	Matrix Spike	Total/NA	Solid	5035	
890-3817-A-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 43866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3780-17	H-5 (0-0.5')	Total/NA	Solid	8021B	43832
MB 880-43654/5-A	Method Blank	Total/NA	Solid	8021B	43654
MB 880-43832/5-B	Method Blank	Total/NA	Solid	8021B	43832
LCS 880-43832/1-A	Lab Control Sample	Total/NA	Solid	8021B	43832
LCSD 880-43832/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43832
890-3817-A-4-D MS	Matrix Spike	Total/NA	Solid	8021B	43832
890-3817-A-4-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	43832

Analysis Batch: 43867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3780-1	S-1 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3780-2	S-1 (1-1.5')	Total/NA	Solid	Total BTEX	
890-3780-3	S-1 (2-2.5')	Total/NA	Solid	Total BTEX	
890-3780-4	S-1 (3-3.5')	Total/NA	Solid	Total BTEX	
890-3780-5	S-1 (4-4.5')	Total/NA	Solid	Total BTEX	
890-3780-6	S-1 (5-5.5')	Total/NA	Solid	Total BTEX	
890-3780-7	S-2 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3780-8	S-2 (1-1.5')	Total/NA	Solid	Total BTEX	
890-3780-9	S-2 (2-2.5')	Total/NA	Solid	Total BTEX	
890-3780-10	S-2 (3-3.5')	Total/NA	Solid	Total BTEX	
890-3780-11	S-2 (4-4.5')	Total/NA	Solid	Total BTEX	
890-3780-12	S-2 (5-5.5')	Total/NA	Solid	Total BTEX	
890-3780-13	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3780-14	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3780-15	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3780-16	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3780-17	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3780-18	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3780-19	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3780-20	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

GC Semi VOA

Prep Batch: 43744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3780-1	S-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3780-2	S-1 (1-1.5')	Total/NA	Solid	8015NM Prep	
890-3780-3	S-1 (2-2.5')	Total/NA	Solid	8015NM Prep	
890-3780-4	S-1 (3-3.5')	Total/NA	Solid	8015NM Prep	
890-3780-5	S-1 (4-4.5')	Total/NA	Solid	8015NM Prep	
890-3780-6	S-1 (5-5.5')	Total/NA	Solid	8015NM Prep	
890-3780-7	S-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3780-8	S-2 (1-1.5')	Total/NA	Solid	8015NM Prep	
890-3780-9	S-2 (2-2.5')	Total/NA	Solid	8015NM Prep	
890-3780-10	S-2 (3-3.5')	Total/NA	Solid	8015NM Prep	
890-3780-11	S-2 (4-4.5')	Total/NA	Solid	8015NM Prep	
890-3780-12	S-2 (5-5.5')	Total/NA	Solid	8015NM Prep	
890-3780-13	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3780-14	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3780-15	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3780-16	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3780-17	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3780-18	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3780-19	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3780-20	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-43744/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43744/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43744/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3780-1 MS	S-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3780-1 MSD	S-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 43779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3780-1	S-1 (0-0.5')	Total/NA	Solid	8015B NM	43744
890-3780-2	S-1 (1-1.5')	Total/NA	Solid	8015B NM	43744
890-3780-3	S-1 (2-2.5')	Total/NA	Solid	8015B NM	43744
890-3780-4	S-1 (3-3.5')	Total/NA	Solid	8015B NM	43744
890-3780-5	S-1 (4-4.5')	Total/NA	Solid	8015B NM	43744
890-3780-6	S-1 (5-5.5')	Total/NA	Solid	8015B NM	43744
890-3780-7	S-2 (0-0.5')	Total/NA	Solid	8015B NM	43744
890-3780-8	S-2 (1-1.5')	Total/NA	Solid	8015B NM	43744
890-3780-9	S-2 (2-2.5')	Total/NA	Solid	8015B NM	43744
890-3780-10	S-2 (3-3.5')	Total/NA	Solid	8015B NM	43744
890-3780-11	S-2 (4-4.5')	Total/NA	Solid	8015B NM	43744
890-3780-12	S-2 (5-5.5')	Total/NA	Solid	8015B NM	43744
890-3780-13	H-1 (0-0.5')	Total/NA	Solid	8015B NM	43744
890-3780-14	H-2 (0-0.5')	Total/NA	Solid	8015B NM	43744
890-3780-15	H-3 (0-0.5')	Total/NA	Solid	8015B NM	43744
890-3780-16	H-4 (0-0.5')	Total/NA	Solid	8015B NM	43744
890-3780-17	H-5 (0-0.5')	Total/NA	Solid	8015B NM	43744
890-3780-18	H-6 (0-0.5')	Total/NA	Solid	8015B NM	43744
890-3780-19	H-7 (0-0.5')	Total/NA	Solid	8015B NM	43744
890-3780-20	H-8 (0-0.5')	Total/NA	Solid	8015B NM	43744
MB 880-43744/1-A	Method Blank	Total/NA	Solid	8015B NM	43744
LCS 880-43744/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43744
LCSD 880-43744/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43744

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

GC Semi VOA (Continued)

Analysis Batch: 43779 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3780-1 MS	S-1 (0-0.5')	Total/NA	Solid	8015B NM	43744
890-3780-1 MSD	S-1 (0-0.5')	Total/NA	Solid	8015B NM	43744

Analysis Batch: 43891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3780-1	S-1 (0-0.5')	Total/NA	Solid	8015 NM	
890-3780-2	S-1 (1-1.5')	Total/NA	Solid	8015 NM	
890-3780-3	S-1 (2-2.5')	Total/NA	Solid	8015 NM	
890-3780-4	S-1 (3-3.5')	Total/NA	Solid	8015 NM	
890-3780-5	S-1 (4-4.5')	Total/NA	Solid	8015 NM	
890-3780-6	S-1 (5-5.5')	Total/NA	Solid	8015 NM	
890-3780-7	S-2 (0-0.5')	Total/NA	Solid	8015 NM	
890-3780-8	S-2 (1-1.5')	Total/NA	Solid	8015 NM	
890-3780-9	S-2 (2-2.5')	Total/NA	Solid	8015 NM	
890-3780-10	S-2 (3-3.5')	Total/NA	Solid	8015 NM	
890-3780-11	S-2 (4-4.5')	Total/NA	Solid	8015 NM	
890-3780-12	S-2 (5-5.5')	Total/NA	Solid	8015 NM	
890-3780-13	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
890-3780-14	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
890-3780-15	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
890-3780-16	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
890-3780-17	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
890-3780-18	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
890-3780-19	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
890-3780-20	H-8 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 43639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3780-1	S-1 (0-0.5')	Soluble	Solid	DI Leach	
890-3780-2	S-1 (1-1.5')	Soluble	Solid	DI Leach	
890-3780-3	S-1 (2-2.5')	Soluble	Solid	DI Leach	
890-3780-4	S-1 (3-3.5')	Soluble	Solid	DI Leach	
890-3780-5	S-1 (4-4.5')	Soluble	Solid	DI Leach	
890-3780-6	S-1 (5-5.5')	Soluble	Solid	DI Leach	
890-3780-13	H-1 (0-0.5')	Soluble	Solid	DI Leach	
890-3780-14	H-2 (0-0.5')	Soluble	Solid	DI Leach	
890-3780-15	H-3 (0-0.5')	Soluble	Solid	DI Leach	
890-3780-16	H-4 (0-0.5')	Soluble	Solid	DI Leach	
890-3780-17	H-5 (0-0.5')	Soluble	Solid	DI Leach	
890-3780-18	H-6 (0-0.5')	Soluble	Solid	DI Leach	
890-3780-19	H-7 (0-0.5')	Soluble	Solid	DI Leach	
890-3780-20	H-8 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-43639/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43639/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43639/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3780-1 MS	S-1 (0-0.5')	Soluble	Solid	DI Leach	
890-3780-1 MSD	S-1 (0-0.5')	Soluble	Solid	DI Leach	
890-3780-11 MS	S-2 (4-4.5')	Soluble	Solid	DI Leach	
890-3780-11 MSD	S-2 (4-4.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

HPLC/IC

Analysis Batch: 43702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3780-1	S-1 (0-0.5')	Soluble	Solid	300.0	43639
890-3780-2	S-1 (1-1.5')	Soluble	Solid	300.0	43639
890-3780-3	S-1 (2-2.5')	Soluble	Solid	300.0	43639
890-3780-4	S-1 (3-3.5')	Soluble	Solid	300.0	43639
890-3780-5	S-1 (4-4.5')	Soluble	Solid	300.0	43639
890-3780-6	S-1 (5-5.5')	Soluble	Solid	300.0	43639
890-3780-13	H-1 (0-0.5')	Soluble	Solid	300.0	43639
890-3780-14	H-2 (0-0.5')	Soluble	Solid	300.0	43639
890-3780-15	H-3 (0-0.5')	Soluble	Solid	300.0	43639
890-3780-16	H-4 (0-0.5')	Soluble	Solid	300.0	43639
890-3780-17	H-5 (0-0.5')	Soluble	Solid	300.0	43639
890-3780-18	H-6 (0-0.5')	Soluble	Solid	300.0	43639
890-3780-19	H-7 (0-0.5')	Soluble	Solid	300.0	43639
890-3780-20	H-8 (0-0.5')	Soluble	Solid	300.0	43639
MB 880-43639/1-A	Method Blank	Soluble	Solid	300.0	43639
LCS 880-43639/2-A	Lab Control Sample	Soluble	Solid	300.0	43639
LCSD 880-43639/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43639
890-3780-1 MS	S-1 (0-0.5')	Soluble	Solid	300.0	43639
890-3780-1 MSD	S-1 (0-0.5')	Soluble	Solid	300.0	43639
890-3780-11 MS	S-2 (4-4.5')	Soluble	Solid	300.0	43639
890-3780-11 MSD	S-2 (4-4.5')	Soluble	Solid	300.0	43639

Leach Batch: 44423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3780-7	S-2 (0-0.5')	Soluble	Solid	DI Leach	
890-3780-8	S-2 (1-1.5')	Soluble	Solid	DI Leach	
890-3780-9	S-2 (2-2.5')	Soluble	Solid	DI Leach	
890-3780-10	S-2 (3-3.5')	Soluble	Solid	DI Leach	
890-3780-11	S-2 (4-4.5')	Soluble	Solid	DI Leach	
890-3780-12	S-2 (5-5.5')	Soluble	Solid	DI Leach	
MB 880-44423/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-44423/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-44423/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3780-7 MS	S-2 (0-0.5')	Soluble	Solid	DI Leach	
890-3780-7 MSD	S-2 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 44568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3780-7	S-2 (0-0.5')	Soluble	Solid	300.0	44423
890-3780-8	S-2 (1-1.5')	Soluble	Solid	300.0	44423
890-3780-9	S-2 (2-2.5')	Soluble	Solid	300.0	44423
890-3780-10	S-2 (3-3.5')	Soluble	Solid	300.0	44423
890-3780-11	S-2 (4-4.5')	Soluble	Solid	300.0	44423
890-3780-12	S-2 (5-5.5')	Soluble	Solid	300.0	44423
MB 880-44423/1-A	Method Blank	Soluble	Solid	300.0	44423
LCS 880-44423/2-A	Lab Control Sample	Soluble	Solid	300.0	44423
LCSD 880-44423/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	44423
890-3780-7 MS	S-2 (0-0.5')	Soluble	Solid	300.0	44423
890-3780-7 MSD	S-2 (0-0.5')	Soluble	Solid	300.0	44423

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

HPLC/IC

Leach Batch: 44628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-44628/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-44628/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCS 880-44628/3-A	Lab Control Sample	Soluble	Solid	DI Leach	
890-3780-1 MS	S-1 (0-0.5')	Soluble	Solid	DI Leach	
890-3780-1 MSD	S-1 (0-0.5')	Soluble	Solid	DI Leach	
890-3780-11 MS	S-2 (4-4.5')	Soluble	Solid	DI Leach	
890-3780-11 MSD	S-2 (4-4.5')	Soluble	Solid	DI Leach	

Analysis Batch: 44685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-44628/1-A	Method Blank	Soluble	Solid	300.0	44628
LCS 880-44628/2-A	Lab Control Sample	Soluble	Solid	300.0	44628
LCS 880-44628/3-A	Lab Control Sample	Soluble	Solid	300.0	44628
890-3780-1 MS	S-1 (0-0.5')	Soluble	Solid	300.0	44628
890-3780-1 MSD	S-1 (0-0.5')	Soluble	Solid	300.0	44628
890-3780-11 MS	S-2 (4-4.5')	Soluble	Solid	300.0	44628
890-3780-11 MSD	S-2 (4-4.5')	Soluble	Solid	300.0	44628

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: S-1 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 02:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 08:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 10:37	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	43639	01/10/23 12:02	KS	EET MID
Soluble	Analysis	300.0		1			43702	01/12/23 23:45	CH	EET MID

Client Sample ID: S-1 (1-1.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 02:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 08:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 11:43	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	43639	01/10/23 12:02	KS	EET MID
Soluble	Analysis	300.0		1			43702	01/13/23 13:50	CH	EET MID

Client Sample ID: S-1 (2-2.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 03:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 08:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 12:04	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43639	01/10/23 12:02	KS	EET MID
Soluble	Analysis	300.0		1			43702	01/13/23 00:04	CH	EET MID

Client Sample ID: S-1 (3-3.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 03:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 08:12	AJ	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: S-1 (3-3.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 12:26	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43639	01/10/23 12:02	KS	EET MID
Soluble	Analysis	300.0		1			43702	01/13/23 00:09	CH	EET MID

Client Sample ID: S-1 (4-4.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 04:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 08:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 12:48	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43639	01/10/23 12:02	KS	EET MID
Soluble	Analysis	300.0		1			43702	01/13/23 00:14	CH	EET MID

Client Sample ID: S-1 (5-5.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 04:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 08:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 13:09	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	43639	01/10/23 12:02	KS	EET MID
Soluble	Analysis	300.0		1			43702	01/13/23 00:28	CH	EET MID

Client Sample ID: S-2 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 05:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 08:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 13:31	AJ	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: S-2 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		5			44568	01/24/23 03:51	CH	EET MID

Client Sample ID: S-2 (1-1.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 05:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 08:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 13:53	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		1			44568	01/24/23 04:09	CH	EET MID

Client Sample ID: S-2 (2-2.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 05:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 08:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 14:14	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		1			44568	01/24/23 04:15	CH	EET MID

Client Sample ID: S-2 (3-3.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 06:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 08:12	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 14:36	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		1			44568	01/24/23 04:21	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: S-2 (4-4.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 08:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 13:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 15:42	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		5			44568	01/24/23 04:28	CH	EET MID

Client Sample ID: S-2 (5-5.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 08:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 13:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 16:04	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		5			44568	01/24/23 04:46	CH	EET MID

Client Sample ID: H-1 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 09:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 13:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 16:26	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	43639	01/10/23 12:02	KS	EET MID
Soluble	Analysis	300.0		1			43702	01/13/23 01:11	CH	EET MID

Client Sample ID: H-2 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 09:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 13:28	AJ	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: H-2 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 16:48	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	43639	01/10/23 12:02	KS	EET MID
Soluble	Analysis	300.0		1			43702	01/13/23 01:25	CH	EET MID

Client Sample ID: H-3 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 09:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 13:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 17:10	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43639	01/10/23 12:02	KS	EET MID
Soluble	Analysis	300.0		1			43702	01/13/23 01:30	CH	EET MID

Client Sample ID: H-4 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 10:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 13:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 17:32	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43639	01/10/23 12:02	KS	EET MID
Soluble	Analysis	300.0		1			43702	01/13/23 01:35	CH	EET MID

Client Sample ID: H-5 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43832	01/12/23 14:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/14/23 07:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 17:54	AJ	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Client Sample ID: H-5 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	43639	01/10/23 12:02	KS	EET MID
Soluble	Analysis	300.0		1			43702	01/13/23 01:39	CH	EET MID

Client Sample ID: H-6 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 11:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 13:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 18:16	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43639	01/10/23 12:02	KS	EET MID
Soluble	Analysis	300.0		1			43702	01/13/23 01:44	CH	EET MID

Client Sample ID: H-7 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 11:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 13:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 18:38	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	43639	01/10/23 12:02	KS	EET MID
Soluble	Analysis	300.0		1			43702	01/13/23 01:49	CH	EET MID

Client Sample ID: H-8 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3780-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43512	01/09/23 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43784	01/13/23 12:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43867	01/13/23 13:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43891	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43744	01/11/23 13:21	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 19:00	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	43639	01/10/23 12:02	KS	EET MID
Soluble	Analysis	300.0		1			43702	01/13/23 01:53	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

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

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

Method Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

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

Protocol References:

ASTM = ASTM International
MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3780-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-3780-1	S-1 (0-0.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-2	S-1 (1-1.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-3	S-1 (2-2.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-4	S-1 (3-3.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-5	S-1 (4-4.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-6	S-1 (5-5.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-7	S-2 (0-0.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-8	S-2 (1-1.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-9	S-2 (2-2.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-10	S-2 (3-3.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-11	S-2 (4-4.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-12	S-2 (5-5.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-13	H-1 (0-0.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-14	H-2 (0-0.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-15	H-3 (0-0.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-16	H-4 (0-0.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-17	H-5 (0-0.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-18	H-6 (0-0.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-19	H-7 (0-0.5')	Solid	01/05/23 00:00	01/06/23 16:08
890-3780-20	H-8 (0-0.5')	Solid	01/05/23 00:00	01/06/23 16:08

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

Page 1 of 2

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐
State of Project:
Reporting:Level ☐ Level I☐ PST/U☐ TR☐P Le☐el
Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Diamondback 24-25 Fed Com Battery	Turn Around	☑ Routine ☐ Rush
Project Number:	226700	Due Date:	
Project Location	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Kellan Smith		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	TAM-007
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	1.7
Total Containers:		Corrected Temperature:	1.5

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-1 (0-0.5')	1/5/2023		x		Grab			x	x	x		
S-1 (1-1.5')	1/5/2023		x		Grab			x	x	x		
S-1 (2-2.5')	1/5/2023		x		Grab			x	x	x		
S-1 (3-3.5')	1/5/2023		x		Grab			x	x	x		
S-1 (4-4.5')	1/5/2023		x		Grab			x	x	x		
S-1 (5-5.5')	1/5/2023		x		Grab			x	x	x		
S-2 (0-0.5')	1/5/2023		x		Grab			x	x	x		
S-2 (1-1.5')	1/5/2023		x		Grab			x	x	x		
S-2 (2-2.5')	1/5/2023		x		Grab			x	x	x		
S-2 (3-3.5')	1/5/2023		x		Grab			x	x	x		

890-3780 Chain of Custody

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		1-6-23 1608			
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

1/27/2023 (Rev. 1)
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Received by OCD: 12/17/2024 1:26:22 PM
Released to Imaging: 4/2/2025 11:15:09 AM

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

Page 2 of 2

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level I☐ PST/U☐ TR☐P Le☐l

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Diamondback 24-25 Fed Com Battery	Turn Around			
Project Number:	226700	☑ Routine	☐ Rush		
Project Location	Lea County, NM	Due Date:			
Sampler's Name:	Kellan Smith	TAT starts the day received by the lab, if received by 4:30pm			
PO #:					

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes	No
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
							Parameters	ANALYSIS REQUEST				
S-2 (4-4.5')	1/5/2023		x		Grab			x	x	x		
S-2 (5-5.5')	1/5/2023		x		Grab			x	x	x		
H-1 (0-0.5')	1/5/2023		x		Grab			x	x	x		
H-2 (0-0.5')	1/5/2023		x		Grab			x	x	x		
H-3 (0-0.5')	1/5/2023		x		Grab			x	x	x		
H-4 (0-0.5')	1/5/2023		x		Grab			x	x	x		
H-5 (0-0.5')	1/5/2023		x		Grab			x	x	x		
H-6 (0-0.5')	1/5/2023		x		Grab			x	x	x		
H-7 (0-0.5')	1/5/2023		x		Grab			x	x	x		
H-8 (0-0.5')	1/5/2023		x		Grab			x	x	x		

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		1-6-23 1608			
3			4		
5			6		

Revised Date 0501 2020 Rev. 2020.1

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Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-3780-1
SDG Number: Lea County NM

Login Number: 3780
List Number: 1
Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-3780-1
SDG Number: Lea County NM

Login Number: 3780
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 01/10/23 10:43 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Becky Haskell
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Generated 1/27/2023 7:40:18 AM Revision 1

JOB DESCRIPTION

Diamondback 24-25 Fed Com Battery
SDG NUMBER 226700

JOB NUMBER

890-3781-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 4/2/2025 11:15:09 AM

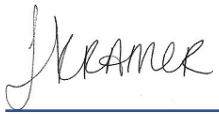
my EOL

Eurofins Carlsbad

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Revision 1

Authorized for release by
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Released to Imaging: 4/2/2025 11:15:09 AM

Definitions/Glossary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Job ID: 890-3781-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3781-1

REVISION

The report being provided is a revision of the original report sent on 1/16/2023. The report (revision 1) is being revised due to Per client email, requesting chloride data be reviewed.

Report revision history

Receipt
The samples were received on 1/6/2023 4:08 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-3 (0-0.5') (890-3781-1), S-3 (1-1.5') (890-3781-2), S-3 (2-2.5') (890-3781-3), S-3 (3-3.5') (890-3781-4), S-3 (4-4.5') (890-3781-5), S-3 (5-5.5') (890-3781-6), S-4 (0-0.5') (890-3781-7), S-4 (1-1.5') (890-3781-8), S-4 (2-2.5') (890-3781-9), S-4 (3-3.5') (890-3781-10), S-4 (4-5') (890-3781-11), S-4 (5-5.5') (890-3781-12), S-5 (0-0.5') (890-3781-13), S-5 (1-1.5') (890-3781-14), S-5 (2-2.5') (890-3781-15), S-5 (3-3.5') (890-3781-16), S-5 (4-4.5') (890-3781-17), S-5 (5-5.5') (890-3781-18), S-6 (0-0.5') (890-3781-19), S-6 (1-1.5') (890-3781-20), S-6 (2-2.5') (890-3781-21), S-6 (3-3.5') (890-3781-22), S-6 (4-4.5') (890-3781-23) and S-6 (5-5.5') (890-3781-24).

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-43731 and analytical batch 880-43697 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-3 (0-0.5') (890-3781-1), S-3 (4-4.5') (890-3781-5), S-3 (5-5.5') (890-3781-6), S-4 (4-5') (890-3781-11) and S-5 (2-2.5') (890-3781-15). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-43713 and analytical batch 880-43779 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-43713/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43640 and 880-43640 and analytical batch 880-43700 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43630 and analytical batch 880-43705 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Case Narrative

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Job ID: 890-3781-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-44629 and analytical batch 880-44686 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-44423 and analytical batch 880-44568 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-3 (0-0.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 0 - 1.5

Lab Sample ID: 890-3781-1

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 13:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 13:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 13:00	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/10/23 13:07	01/13/23 13:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 13:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/10/23 13:07	01/13/23 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*01/10/23 13:07*	*01/13/23 13:00*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/10/23 13:07*	*01/13/23 13:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/13/23 14:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/23 12:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 10:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 10:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 10:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*126*		*70 - 130*	*01/11/23 13:23*	*01/12/23 10:37*	*1*
o-Terphenyl	*138*	*S1+*	*70 - 130*	*01/11/23 13:23*	*01/12/23 10:37*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84.8**		5.00		mg/Kg			01/24/23 04:52	1

Client Sample ID: S-3 (1-1.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 1 - 1.5

Lab Sample ID: 890-3781-2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 13:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 13:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 13:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/10/23 13:07	01/13/23 13:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 13:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/10/23 13:07	01/13/23 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*01/10/23 13:07*	*01/13/23 13:20*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-3 (1-1.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 1 - 1.5

Lab Sample ID: 890-3781-2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/10/23 13:07*	*01/13/23 13:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/23 14:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/13/23 12:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/11/23 13:23	01/12/23 11:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/11/23 13:23	01/12/23 11:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/11/23 13:23	01/12/23 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*01/11/23 13:23*	*01/12/23 11:43*	*1*
o-Terphenyl	*117*		*70 - 130*	*01/11/23 13:23*	*01/12/23 11:43*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64.1**		5.03		mg/Kg			01/24/23 04:58	1

Client Sample ID: S-3 (2-2.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 2 - 2.5

Lab Sample ID: 890-3781-3

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 13:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 13:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 13:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/10/23 13:07	01/13/23 13:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 13:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/10/23 13:07	01/13/23 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*01/10/23 13:07*	*01/13/23 13:41*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*01/10/23 13:07*	*01/13/23 13:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/23 14:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/23 12:42	1

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-3 (2-2.5')

Lab Sample ID: 890-3781-3
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 2 - 2.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 12:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 12:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*01/11/23 13:23*	*01/12/23 12:04*	*1*
o-Terphenyl	*121*		*70 - 130*	*01/11/23 13:23*	*01/12/23 12:04*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		5.02		mg/Kg			01/24/23 05:05	1

Client Sample ID: S-3 (3-3.5')

Lab Sample ID: 890-3781-4
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 01:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 01:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 01:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/12/23 14:48	01/14/23 01:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 01:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/12/23 14:48	01/14/23 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*01/12/23 14:48*	*01/14/23 01:47*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/12/23 14:48*	*01/14/23 01:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/16/23 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/13/23 12:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		01/11/23 13:23	01/12/23 12:26	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/11/23 13:23	01/12/23 12:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/11/23 13:23	01/12/23 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*01/11/23 13:23*	*01/12/23 12:26*	*1*
o-Terphenyl	*120*		*70 - 130*	*01/11/23 13:23*	*01/12/23 12:26*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-3 (3-3.5')

Lab Sample ID: 890-3781-4
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 3 - 3.5

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		4.98		mg/Kg			01/24/23 05:11	1

Client Sample ID: S-3 (4-4.5')

Lab Sample ID: 890-3781-5
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/12/23 14:48	01/14/23 02:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/12/23 14:48	01/14/23 02:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/12/23 14:48	01/14/23 02:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/12/23 14:48	01/14/23 02:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/12/23 14:48	01/14/23 02:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/12/23 14:48	01/14/23 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*01/12/23 14:48*	*01/14/23 02:08*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/12/23 14:48*	*01/14/23 02:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/16/23 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/23 12:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 12:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 12:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*01/11/23 13:23*	*01/12/23 12:48*	*1*
o-Terphenyl	*145*	*S1+*	*70 - 130*	*01/11/23 13:23*	*01/12/23 12:48*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132	F1	4.96		mg/Kg			01/24/23 05:17	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-3 (5-5.5')

Lab Sample ID: 890-3781-6
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 5 - 5.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/12/23 14:48	01/14/23 02:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/12/23 14:48	01/14/23 02:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/12/23 14:48	01/14/23 02:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/12/23 14:48	01/14/23 02:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/12/23 14:48	01/14/23 02:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/12/23 14:48	01/14/23 02:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*01/12/23 14:48*	*01/14/23 02:28*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/12/23 14:48*	*01/14/23 02:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/16/23 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/23 12:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 13:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 13:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*01/11/23 13:23*	*01/12/23 13:09*	*1*
o-Terphenyl	*133*	*S1+*	*70 - 130*	*01/11/23 13:23*	*01/12/23 13:09*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**148**		5.04		mg/Kg			01/24/23 05:35	1

Client Sample ID: S-4 (0-0.5')

Lab Sample ID: 890-3781-7
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/12/23 14:48	01/14/23 02:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/12/23 14:48	01/14/23 02:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/12/23 14:48	01/14/23 02:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/12/23 14:48	01/14/23 02:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/12/23 14:48	01/14/23 02:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/12/23 14:48	01/14/23 02:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*01/12/23 14:48*	*01/14/23 02:49*	*1*

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-4 (0-0.5')

Lab Sample ID: 890-3781-7
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/12/23 14:48*	*01/14/23 02:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/16/23 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**485**		49.9		mg/Kg			01/13/23 12:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 13:31	1
Diesel Range Organics (Over C10-C28)	**393**		49.9		mg/Kg		01/11/23 13:23	01/12/23 13:31	1
Oil Range Organics (Over C28-C36)	**91.9**		49.9		mg/Kg		01/11/23 13:23	01/12/23 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*124*		*70 - 130*	*01/11/23 13:23*	*01/12/23 13:31*	*1*
o-Terphenyl	*130*		*70 - 130*	*01/11/23 13:23*	*01/12/23 13:31*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**408**		4.97		mg/Kg			01/24/23 05:41	1

Client Sample ID: S-4 (1-1.5')

Lab Sample ID: 890-3781-8
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 03:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 03:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 03:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/12/23 14:48	01/14/23 03:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 03:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/12/23 14:48	01/14/23 03:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*01/12/23 14:48*	*01/14/23 03:09*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/12/23 14:48*	*01/14/23 03:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/16/23 17:00	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-4 (1-1.5')

Lab Sample ID: 890-3781-8
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 1 - 1.5

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/23 12:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 13:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 13:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*01/11/23 13:23*	*01/12/23 13:53*	*1*
o-Terphenyl	*116*		*70 - 130*	*01/11/23 13:23*	*01/12/23 13:53*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	257		5.03		mg/Kg			01/24/23 06:00	1

Client Sample ID: S-4 (2-2.5')

Lab Sample ID: 890-3781-9
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/12/23 14:48	01/14/23 03:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/12/23 14:48	01/14/23 03:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/12/23 14:48	01/14/23 03:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/12/23 14:48	01/14/23 03:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/12/23 14:48	01/14/23 03:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/12/23 14:48	01/14/23 03:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*01/12/23 14:48*	*01/14/23 03:29*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/12/23 14:48*	*01/14/23 03:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/16/23 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/23 12:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 14:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 14:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 14:14	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-4 (2-2.5')

Lab Sample ID: 890-3781-9
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 2 - 2.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	01/11/23 13:23	01/12/23 14:14	1
o-Terphenyl	111		70 - 130	01/11/23 13:23	01/12/23 14:14	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	244		5.00		mg/Kg			01/24/23 06:06	1

Client Sample ID: S-4 (3-3.5')

Lab Sample ID: 890-3781-10
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/12/23 14:48	01/14/23 03:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/12/23 14:48	01/14/23 03:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/12/23 14:48	01/14/23 03:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/12/23 14:48	01/14/23 03:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/12/23 14:48	01/14/23 03:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/12/23 14:48	01/14/23 03:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	01/12/23 14:48	01/14/23 03:50	1
1,4-Difluorobenzene (Surr)	106		70 - 130	01/12/23 14:48	01/14/23 03:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/16/23 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/23 12:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 14:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 14:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 14:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	01/11/23 13:23	01/12/23 14:36	1
o-Terphenyl	94		70 - 130	01/11/23 13:23	01/12/23 14:36	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	362		4.98		mg/Kg			01/24/23 06:12	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-4 (4-5')

Lab Sample ID: 890-3781-11
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 18:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 18:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 18:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/10/23 13:07	01/13/23 18:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 18:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/10/23 13:07	01/13/23 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*01/10/23 13:07*	*01/13/23 18:04*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/10/23 13:07*	*01/13/23 18:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/16/23 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/23 12:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 15:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 15:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*01/11/23 13:23*	*01/12/23 15:42*	*1*
o-Terphenyl	*140*	*S1+*	*70 - 130*	*01/11/23 13:23*	*01/12/23 15:42*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**428**		4.97		mg/Kg			01/24/23 06:19	1

Client Sample ID: S-4 (5-5.5')

Lab Sample ID: 890-3781-12
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 5 - 5.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/10/23 13:07	01/13/23 18:24	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/10/23 13:07	01/13/23 18:24	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/10/23 13:07	01/13/23 18:24	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/10/23 13:07	01/13/23 18:24	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/10/23 13:07	01/13/23 18:24	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/10/23 13:07	01/13/23 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*01/10/23 13:07*	*01/13/23 18:24*	*1*

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Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-4 (5-5.5')

Lab Sample ID: 890-3781-12
Matrix: Solid

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 5 - 5.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/10/23 13:07*	*01/13/23 18:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/16/23 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/23 12:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 16:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 16:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 16:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*98*		*70 - 130*	*01/11/23 13:23*	*01/12/23 16:04*	*1*
o-Terphenyl	*110*		*70 - 130*	*01/11/23 13:23*	*01/12/23 16:04*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**558**		5.02		mg/Kg			01/24/23 06:25	1

Client Sample ID: S-5 (0-0.5')

Lab Sample ID: 890-3781-13
Matrix: Solid

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 18:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 18:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 18:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/10/23 13:07	01/13/23 18:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 18:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/10/23 13:07	01/13/23 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*01/10/23 13:07*	*01/13/23 18:45*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*01/10/23 13:07*	*01/13/23 18:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/16/23 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**90.9**		50.0		mg/Kg			01/13/23 12:42	1

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Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-5 (0-0.5')

Lab Sample ID: 890-3781-13
Matrix: Solid

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 0 - 1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 16:26	1
Diesel Range Organics (Over C10-C28)	**90.9**		50.0		mg/Kg		01/11/23 13:23	01/12/23 16:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*01/11/23 13:23*	*01/12/23 16:26*	*1*
o-Terphenyl	*116*		*70 - 130*	*01/11/23 13:23*	*01/12/23 16:26*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.9**		5.00		mg/Kg			01/13/23 09:38	1

Client Sample ID: S-5 (1-1.5')

Lab Sample ID: 890-3781-14
Matrix: Solid

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 19:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 19:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 19:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/10/23 13:07	01/13/23 19:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 19:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/10/23 13:07	01/13/23 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*01/10/23 13:07*	*01/13/23 19:05*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/10/23 13:07*	*01/13/23 19:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/16/23 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/23 12:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 16:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 16:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*01/11/23 13:23*	*01/12/23 16:48*	*1*
o-Terphenyl	*114*		*70 - 130*	*01/11/23 13:23*	*01/12/23 16:48*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-5 (1-1.5')

Lab Sample ID: 890-3781-14
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 1 - 1.5

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.2		4.98		mg/Kg			01/13/23 09:57	1

Client Sample ID: S-5 (2-2.5')

Lab Sample ID: 890-3781-15
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 19:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 19:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 19:26	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/10/23 13:07	01/13/23 19:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 19:26	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/10/23 13:07	01/13/23 19:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*01/10/23 13:07*	*01/13/23 19:26*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/10/23 13:07*	*01/13/23 19:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			01/16/23 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/23 12:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 17:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 17:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*125*		*70 - 130*	*01/11/23 13:23*	*01/12/23 17:10*	*1*
o-Terphenyl	*138*	*S1+*	*70 - 130*	*01/11/23 13:23*	*01/12/23 17:10*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.2		4.96		mg/Kg			01/13/23 10:03	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-5 (3-3.5')

Lab Sample ID: 890-3781-16
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/10/23 13:07	01/13/23 19:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/10/23 13:07	01/13/23 19:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/10/23 13:07	01/13/23 19:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/10/23 13:07	01/13/23 19:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/10/23 13:07	01/13/23 19:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/10/23 13:07	01/13/23 19:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*01/10/23 13:07*	*01/13/23 19:46*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/10/23 13:07*	*01/13/23 19:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/16/23 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/23 12:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 17:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 17:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*01/11/23 13:23*	*01/12/23 17:32*	*1*
o-Terphenyl	*119*		*70 - 130*	*01/11/23 13:23*	*01/12/23 17:32*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**124**		4.97		mg/Kg			01/13/23 10:09	1

Client Sample ID: S-5 (4-4.5')

Lab Sample ID: 890-3781-17
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/10/23 13:07	01/13/23 20:07	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/10/23 13:07	01/13/23 20:07	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/10/23 13:07	01/13/23 20:07	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/10/23 13:07	01/13/23 20:07	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/10/23 13:07	01/13/23 20:07	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/10/23 13:07	01/13/23 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*01/10/23 13:07*	*01/13/23 20:07*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-5 (4-4.5')

Lab Sample ID: 890-3781-17
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 4 - 4.5

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/10/23 13:07*	*01/13/23 20:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			01/16/23 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/23 12:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 17:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 17:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 13:23	01/12/23 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*105*		*70 - 130*	*01/11/23 13:23*	*01/12/23 17:54*	*1*
o-Terphenyl	*117*		*70 - 130*	*01/11/23 13:23*	*01/12/23 17:54*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52.4**		5.00		mg/Kg			01/13/23 10:15	1

Client Sample ID: S-5 (5-5.5')

Lab Sample ID: 890-3781-18
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 5 - 5.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/10/23 13:07	01/13/23 20:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/10/23 13:07	01/13/23 20:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/10/23 13:07	01/13/23 20:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/10/23 13:07	01/13/23 20:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/10/23 13:07	01/13/23 20:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/10/23 13:07	01/13/23 20:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*01/10/23 13:07*	*01/13/23 20:27*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/10/23 13:07*	*01/13/23 20:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/16/23 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/23 12:42	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-5 (5-5.5')

Lab Sample ID: 890-3781-18
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 5 - 5.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 18:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 18:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*01/11/23 13:23*	*01/12/23 18:16*	*1*
o-Terphenyl	*112*		*70 - 130*	*01/11/23 13:23*	*01/12/23 18:16*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67.4**		4.98		mg/Kg			01/13/23 10:21	1

Client Sample ID: S-6 (0-0.5')

Lab Sample ID: 890-3781-19
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 0 - 1

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 20:47	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 20:47	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 20:47	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/10/23 13:07	01/13/23 20:47	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 20:47	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/10/23 13:07	01/13/23 20:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*01/10/23 13:07*	*01/13/23 20:47*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/10/23 13:07*	*01/13/23 20:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/16/23 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/23 12:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 18:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 18:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*01/11/23 13:23*	*01/12/23 18:38*	*1*
o-Terphenyl	*107*		*70 - 130*	*01/11/23 13:23*	*01/12/23 18:38*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-6 (0-0.5')

Lab Sample ID: 890-3781-19
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 0 - 1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.1		4.95		mg/Kg			01/13/23 10:27	1

Client Sample ID: S-6 (1-1.5')

Lab Sample ID: 890-3781-20
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 1 - 1.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 21:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 21:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 21:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/10/23 13:07	01/13/23 21:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/10/23 13:07	01/13/23 21:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/10/23 13:07	01/13/23 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*01/10/23 13:07*	*01/13/23 21:08*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/10/23 13:07*	*01/13/23 21:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/16/23 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/23 12:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 19:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 19:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*01/11/23 13:23*	*01/12/23 19:00*	*1*
o-Terphenyl	*121*		*70 - 130*	*01/11/23 13:23*	*01/12/23 19:00*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.8		5.00		mg/Kg			01/13/23 10:34	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-6 (2-2.5')

Lab Sample ID: 890-3781-21
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 2 - 2.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/11/23 10:48	01/12/23 05:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/11/23 10:48	01/12/23 05:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/11/23 10:48	01/12/23 05:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/11/23 10:48	01/12/23 05:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/11/23 10:48	01/12/23 05:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/11/23 10:48	01/12/23 05:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*01/11/23 10:48*	*01/12/23 05:18*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*01/11/23 10:48*	*01/12/23 05:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/12/23 13:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 09:47	01/12/23 20:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		01/11/23 09:47	01/12/23 20:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 09:47	01/12/23 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*01/11/23 09:47*	*01/12/23 20:49*	*1*
o-Terphenyl	*103*		*70 - 130*	*01/11/23 09:47*	*01/12/23 20:49*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**219**		5.00		mg/Kg			01/13/23 07:02	1

Client Sample ID: S-6 (3-3.5')

Lab Sample ID: 890-3781-22
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 3 - 3.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/11/23 10:48	01/12/23 05:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/11/23 10:48	01/12/23 05:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/11/23 10:48	01/12/23 05:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/11/23 10:48	01/12/23 05:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/11/23 10:48	01/12/23 05:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/11/23 10:48	01/12/23 05:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*01/11/23 10:48*	*01/12/23 05:39*	*1*

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Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-6 (3-3.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 3 - 3.5

Lab Sample ID: 890-3781-22

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*01/11/23 10:48*	*01/12/23 05:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/12/23 13:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/11/23 09:47	01/12/23 21:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U *1	49.9		mg/Kg		01/11/23 09:47	01/12/23 21:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/11/23 09:47	01/12/23 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 130*	*01/11/23 09:47*	*01/12/23 21:54*	*1*
o-Terphenyl	*92*		*70 - 130*	*01/11/23 09:47*	*01/12/23 21:54*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**274**		5.00		mg/Kg			01/13/23 07:07	1

Client Sample ID: S-6 (4-4.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 4 - 4.5

Lab Sample ID: 890-3781-23

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/12/23 09:36	01/13/23 02:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/12/23 09:36	01/13/23 02:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/12/23 09:36	01/13/23 02:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/12/23 09:36	01/13/23 02:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/12/23 09:36	01/13/23 02:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/12/23 09:36	01/13/23 02:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*01/12/23 09:36*	*01/13/23 02:26*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*01/12/23 09:36*	*01/13/23 02:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/13/23 07:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/23 12:46	1

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Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-6 (4-4.5')

Lab Sample ID: 890-3781-23
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 4 - 4.5

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 09:47	01/12/23 22:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		01/11/23 09:47	01/12/23 22:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 09:47	01/12/23 22:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*01/11/23 09:47*	*01/12/23 22:16*	*1*
o-Terphenyl	*92*		*70 - 130*	*01/11/23 09:47*	*01/12/23 22:16*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**189**		5.03		mg/Kg			01/13/23 07:11	1

Client Sample ID: S-6 (5-5.5')

Lab Sample ID: 890-3781-24
Matrix: Solid
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 5 - 5.5

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/12/23 09:36	01/13/23 02:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/12/23 09:36	01/13/23 02:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/12/23 09:36	01/13/23 02:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/12/23 09:36	01/13/23 02:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/12/23 09:36	01/13/23 02:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/12/23 09:36	01/13/23 02:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*01/12/23 09:36*	*01/13/23 02:46*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/12/23 09:36*	*01/13/23 02:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/13/23 07:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/13/23 12:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 09:47	01/12/23 22:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		01/11/23 09:47	01/12/23 22:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 09:47	01/12/23 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 130*	*01/11/23 09:47*	*01/12/23 22:38*	*1*
o-Terphenyl	*92*		*70 - 130*	*01/11/23 09:47*	*01/12/23 22:38*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-6 (5-5.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08
Sample Depth: 5 - 5.5

Lab Sample ID: 890-3781-24

Matrix: Solid

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	228		4.99		mg/Kg			01/13/23 07:16	1

Surrogate Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-23427-A-60-D MS	Matrix Spike	106	104
880-23427-A-60-E MSD	Matrix Spike Duplicate	100	104
890-3781-1	S-3 (0-0.5')	105	104
890-3781-1 MS	S-3 (0-0.5')	110	106
890-3781-1 MSD	S-3 (0-0.5')	108	104
890-3781-2	S-3 (1-1.5')	114	106
890-3781-3	S-3 (2-2.5')	111	102
890-3781-4	S-3 (3-3.5')	113	106
890-3781-5	S-3 (4-4.5')	116	104
890-3781-6	S-3 (5-5.5')	132 S1+	104
890-3781-7	S-4 (0-0.5')	114	103
890-3781-8	S-4 (1-1.5')	112	104
890-3781-9	S-4 (2-2.5')	114	105
890-3781-10	S-4 (3-3.5')	118	106
890-3781-11	S-4 (4-5')	111	106
890-3781-12	S-4 (5-5.5')	115	100
890-3781-13	S-5 (0-0.5')	119	101
890-3781-14	S-5 (1-1.5')	120	96
890-3781-15	S-5 (2-2.5')	113	103
890-3781-16	S-5 (3-3.5')	115	106
890-3781-17	S-5 (4-4.5')	115	106
890-3781-18	S-5 (5-5.5')	117	103
890-3781-19	S-6 (0-0.5')	122	104
890-3781-20	S-6 (1-1.5')	114	105
890-3781-21	S-6 (2-2.5')	91	90
890-3781-22	S-6 (3-3.5')	100	92
890-3781-23	S-6 (4-4.5')	111	108
890-3781-24	S-6 (5-5.5')	115	106
890-3815-A-3-D MS	Matrix Spike	94	101
890-3815-A-3-E MSD	Matrix Spike Duplicate	98	83
LCS 880-43654/1-A	Lab Control Sample	108	103
LCS 880-43731/1-A	Lab Control Sample	89	100
LCS 880-43798/1-A	Lab Control Sample	107	103
LCS 880-43832/1-A	Lab Control Sample	108	102
LCSD 880-43654/2-A	Lab Control Sample Dup	102	104
LCSD 880-43731/2-A	Lab Control Sample Dup	90	103
LCSD 880-43798/2-A	Lab Control Sample Dup	107	101
LCSD 880-43832/2-A	Lab Control Sample Dup	106	104
MB 880-43543/5-A	Method Blank	102	103
MB 880-43654/5-A	Method Blank	106	103
MB 880-43675/5-A	Method Blank	86	94
MB 880-43731/5-A	Method Blank	81	87
MB 880-43798/5-A	Method Blank	105	103
MB 880-43832/5-B	Method Blank	109	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-3781-1	S-3 (0-0.5')	126	138 S1+
890-3781-1 MS	S-3 (0-0.5')	91	91
890-3781-1 MSD	S-3 (0-0.5')	106	103
890-3781-2	S-3 (1-1.5')	106	117
890-3781-3	S-3 (2-2.5')	105	121
890-3781-4	S-3 (3-3.5')	105	120
890-3781-5	S-3 (4-4.5')	133 S1+	145 S1+
890-3781-6	S-3 (5-5.5')	124	133 S1+
890-3781-7	S-4 (0-0.5')	124	130
890-3781-8	S-4 (1-1.5')	104	116
890-3781-9	S-4 (2-2.5')	99	111
890-3781-10	S-4 (3-3.5')	83	94
890-3781-11	S-4 (4-5')	127	140 S1+
890-3781-12	S-4 (5-5.5')	98	110
890-3781-13	S-5 (0-0.5')	105	116
890-3781-14	S-5 (1-1.5')	102	114
890-3781-15	S-5 (2-2.5')	125	138 S1+
890-3781-16	S-5 (3-3.5')	105	119
890-3781-17	S-5 (4-4.5')	105	117
890-3781-18	S-5 (5-5.5')	99	112
890-3781-19	S-6 (0-0.5')	98	107
890-3781-20	S-6 (1-1.5')	106	121
890-3781-21	S-6 (2-2.5')	114	103
890-3781-21 MS	S-6 (2-2.5')	87	82
890-3781-21 MSD	S-6 (2-2.5')	105	94
890-3781-22	S-6 (3-3.5')	96	92
890-3781-23	S-6 (4-4.5')	95	92
890-3781-24	S-6 (5-5.5')	93	92
LCS 880-43713/2-A	Lab Control Sample	125	108
LCS 880-43745/2-A	Lab Control Sample	101	103
LCSD 880-43713/3-A	Lab Control Sample Dup	101	85
LCSD 880-43745/3-A	Lab Control Sample Dup	117	115
MB 880-43713/1-A	Method Blank	140 S1+	123
MB 880-43745/1-A	Method Blank	138 S1+	148 S1+

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-43543/5-A
Matrix: Solid
Analysis Batch: 43790

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43543

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/23 12:59	01/12/23 12:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/23 12:59	01/12/23 12:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/23 12:59	01/12/23 12:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/09/23 12:59	01/12/23 12:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/23 12:59	01/12/23 12:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/09/23 12:59	01/12/23 12:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*01/09/23 12:59*	*01/12/23 12:39*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/09/23 12:59*	*01/12/23 12:39*	*1*

Lab Sample ID: MB 880-43654/5-A
Matrix: Solid
Analysis Batch: 43866

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43654

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 12:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 12:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 12:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/10/23 13:07	01/13/23 12:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/10/23 13:07	01/13/23 12:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/10/23 13:07	01/13/23 12:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*01/10/23 13:07*	*01/13/23 12:31*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/10/23 13:07*	*01/13/23 12:31*	*1*

Lab Sample ID: LCS 880-43654/1-A
Matrix: Solid
Analysis Batch: 43866

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43654

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1099		mg/Kg		110	70 - 130
Toluene	0.100	0.1043		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.1020		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2079		mg/Kg		104	70 - 130
o-Xylene	0.100	0.09906		mg/Kg		99	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 880-43654/2-A
Matrix: Solid
Analysis Batch: 43866

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43654

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1013		mg/Kg		101	70 - 130	8	35

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QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

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

Lab Sample ID: LCSD 880-43654/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 43866 — **Prep Batch: 43654**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09648		mg/Kg		96	70 - 130	8	35
Ethylbenzene			0.100	0.09355		mg/Kg		94	70 - 130	9	35
m-Xylene & p-Xylene			0.200	0.1919		mg/Kg		96	70 - 130	8	35
o-Xylene			0.100	0.09158		mg/Kg		92	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 890-3781-1 MS — **Client Sample ID: S-3 (0-0.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 43866 — **Prep Batch: 43654**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.1069		mg/Kg		107	70 - 130
Toluene	<0.00200	U	0.0998	0.1005		mg/Kg		100	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.09709		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1998		mg/Kg		100	70 - 130
o-Xylene	<0.00200	U	0.0998	0.09520		mg/Kg		95	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: 890-3781-1 MSD — **Client Sample ID: S-3 (0-0.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 43866 — **Prep Batch: 43654**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.1072		mg/Kg		108	70 - 130	0	35
Toluene	<0.00200	U	0.0990	0.1018		mg/Kg		102	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.0990	0.09867		mg/Kg		100	70 - 130	2	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.2033		mg/Kg		103	70 - 130	2	35
o-Xylene	<0.00200	U	0.0990	0.09649		mg/Kg		97	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 880-43675/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 43697 — **Prep Batch: 43675**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/10/23 15:19	01/11/23 11:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/10/23 15:19	01/11/23 11:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/10/23 15:19	01/11/23 11:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/10/23 15:19	01/11/23 11:10	1

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

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

Lab Sample ID: MB 880-43675/5-A
Matrix: Solid
Analysis Batch: 43697

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43675

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/10/23 15:19	01/11/23 11:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/10/23 15:19	01/11/23 11:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*01/10/23 15:19*	*01/11/23 11:10*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*01/10/23 15:19*	*01/11/23 11:10*	*1*

Lab Sample ID: MB 880-43731/5-A
Matrix: Solid
Analysis Batch: 43697

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43731

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/11/23 10:48	01/11/23 23:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/11/23 10:48	01/11/23 23:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/11/23 10:48	01/11/23 23:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/11/23 10:48	01/11/23 23:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/11/23 10:48	01/11/23 23:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/11/23 10:48	01/11/23 23:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*01/11/23 10:48*	*01/11/23 23:09*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*01/11/23 10:48*	*01/11/23 23:09*	*1*

Lab Sample ID: LCS 880-43731/1-A
Matrix: Solid
Analysis Batch: 43697

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43731

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09649		mg/Kg		96	70 - 130
Toluene	0.100	0.09278		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.07810		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	0.200	0.1623		mg/Kg		81	70 - 130
o-Xylene	0.100	0.08971		mg/Kg		90	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-43731/2-A
Matrix: Solid
Analysis Batch: 43697

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43731

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09588		mg/Kg		96	70 - 130	1	35
Toluene	0.100	0.09162		mg/Kg		92	70 - 130	1	35
Ethylbenzene	0.100	0.07745		mg/Kg		77	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1600		mg/Kg		80	70 - 130	1	35
o-Xylene	0.100	0.08864		mg/Kg		89	70 - 130	1	35

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 890-3815-A-3-D MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 43697 — **Prep Batch: 43731**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F1 F2	0.0996	0.08390		mg/Kg		84	70 - 130
Toluene	<0.00199	U F1	0.0996	0.07789		mg/Kg		78	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.06955		mg/Kg		70	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.199	0.1409		mg/Kg		71	70 - 130
o-Xylene	<0.00199	U	0.0996	0.08293		mg/Kg		83	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-3815-A-3-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 43697 — **Prep Batch: 43731**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F1 F2	0.101	0.05430	F1 F2	mg/Kg		54	70 - 130	43	35
Toluene	<0.00199	U F1	0.101	0.06989	F1	mg/Kg		69	70 - 130	11	35
Ethylbenzene	<0.00199	U	0.101	0.07491		mg/Kg		74	70 - 130	7	35
m-Xylene & p-Xylene	<0.00398	U F1	0.202	0.1311	F1	mg/Kg		65	70 - 130	7	35
o-Xylene	<0.00199	U	0.101	0.07783		mg/Kg		77	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

Lab Sample ID: MB 880-43798/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 43790 — **Prep Batch: 43798**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/12/23 09:36	01/13/23 00:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/12/23 09:36	01/13/23 00:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/12/23 09:36	01/13/23 00:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/12/23 09:36	01/13/23 00:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/12/23 09:36	01/13/23 00:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/12/23 09:36	01/13/23 00:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	01/12/23 09:36	01/13/23 00:15	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/12/23 09:36	01/13/23 00:15	1

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

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

Lab Sample ID: LCS 880-43798/1-A
Matrix: Solid
Analysis Batch: 43790

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43798

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1072		mg/Kg		107	70 - 130		
Toluene			0.100	0.1006		mg/Kg		101	70 - 130		
Ethylbenzene			0.100	0.09693		mg/Kg		97	70 - 130		
m-Xylene & p-Xylene			0.200	0.2000		mg/Kg		100	70 - 130		
o-Xylene			0.100	0.09693		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 880-43798/2-A
Matrix: Solid
Analysis Batch: 43790

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43798

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1049		mg/Kg		105	70 - 130	2	35
Toluene			0.100	0.09922		mg/Kg		99	70 - 130	1	35
Ethylbenzene			0.100	0.09609		mg/Kg		96	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.1987		mg/Kg		99	70 - 130	1	35
o-Xylene			0.100	0.09567		mg/Kg		96	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-23427-A-60-D MS
Matrix: Solid
Analysis Batch: 43790

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 43798

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0998	0.1076		mg/Kg		108	70 - 130		
Toluene	<0.00200	U	0.0998	0.09829		mg/Kg		98	70 - 130		
Ethylbenzene	<0.00200	U	0.0998	0.09621		mg/Kg		96	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1987		mg/Kg		100	70 - 130		
o-Xylene	<0.00200	U	0.0998	0.09623		mg/Kg		96	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-23427-A-60-E MSD
Matrix: Solid
Analysis Batch: 43790

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 43798

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.101	0.09822		mg/Kg		97	70 - 130	9	35
Toluene	<0.00200	U	0.101	0.09127		mg/Kg		91	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.101	0.08832		mg/Kg		88	70 - 130	9	35

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

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

Lab Sample ID: 880-23427-A-60-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 43790 — **Prep Batch: 43798**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U	0.202	0.1831		mg/Kg		91	70 - 130	8	35
o-Xylene	<0.00200	U	0.101	0.08885		mg/Kg		88	70 - 130	8	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 880-43832/5-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 43866 — **Prep Batch: 43832**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 00:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 00:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 00:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/12/23 14:48	01/14/23 00:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 00:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/12/23 14:48	01/14/23 00:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*01/12/23 14:48*	*01/14/23 00:17*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*01/12/23 14:48*	*01/14/23 00:17*	*1*

Lab Sample ID: LCS 880-43832/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 43866 — **Prep Batch: 43832**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1081		mg/Kg		108	70 - 130
Toluene	0.100	0.1031		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.09995		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2033		mg/Kg		102	70 - 130
o-Xylene	0.100	0.09880		mg/Kg		99	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-43832/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 43866 — **Prep Batch: 43832**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08851		mg/Kg		89	70 - 130	20	35
Toluene	0.100	0.08351		mg/Kg		84	70 - 130	21	35
Ethylbenzene	0.100	0.08255		mg/Kg		83	70 - 130	19	35
m-Xylene & p-Xylene	0.200	0.1689		mg/Kg		84	70 - 130	18	35
o-Xylene	0.100	0.08398		mg/Kg		84	70 - 130	16	35

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

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

Lab Sample ID: MB 880-43713/1-A
Matrix: Solid
Analysis Batch: 43779

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43713

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 09:47	01/12/23 19:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 09:47	01/12/23 19:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 09:47	01/12/23 19:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130	01/11/23 09:47	01/12/23 19:44	1
o-Terphenyl	123		70 - 130	01/11/23 09:47	01/12/23 19:44	1

Lab Sample ID: LCS 880-43713/2-A
Matrix: Solid
Analysis Batch: 43779

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43713

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1063		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1036		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	125		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: LCSD 880-43713/3-A
Matrix: Solid
Analysis Batch: 43779

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43713

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	978.4		mg/Kg		98	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	766.4	*1	mg/Kg		77	70 - 130	30	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	85		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

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

Lab Sample ID: 890-3781-21 MS
Matrix: Solid
Analysis Batch: 43779

Client Sample ID: S-6 (2-2.5')
Prep Type: Total/NA
Prep Batch: 43713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	927.5		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U *1	998	862.9		mg/Kg		86	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*87*		*70 - 130*
o-Terphenyl	*82*		*70 - 130*

Lab Sample ID: 890-3781-21 MSD
Matrix: Solid
Analysis Batch: 43779

Client Sample ID: S-6 (2-2.5')
Prep Type: Total/NA
Prep Batch: 43713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	1064		mg/Kg		103	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<50.0	U *1	997	993.4		mg/Kg		100	70 - 130	14	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*105*		*70 - 130*
o-Terphenyl	*94*		*70 - 130*

Lab Sample ID: MB 880-43745/1-A
Matrix: Solid
Analysis Batch: 43781

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43745

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 08:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 08:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/11/23 13:23	01/12/23 08:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*138*	*S1+*	*70 - 130*	*01/11/23 13:23*	*01/12/23 08:04*	*1*
o-Terphenyl	*148*	*S1+*	*70 - 130*	*01/11/23 13:23*	*01/12/23 08:04*	*1*

Lab Sample ID: LCS 880-43745/2-A
Matrix: Solid
Analysis Batch: 43781

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43745

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	828.6		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	1000	883.6		mg/Kg		88	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

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

Lab Sample ID: LCS 880-43745/2-A
Matrix: Solid
Analysis Batch: 43781

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43745

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	103		70 - 130

Lab Sample ID: LCSD 880-43745/3-A
Matrix: Solid
Analysis Batch: 43781

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 43745

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	963.2		mg/Kg		96	70 - 130	15	20
Diesel Range Organics (Over C10-C28)			1000	1013		mg/Kg		101	70 - 130	14	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	117		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: 890-3781-1 MS
Matrix: Solid
Analysis Batch: 43781

Client Sample ID: S-3 (0-0.5')
Prep Type: Total/NA
Prep Batch: 43745

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1142		mg/Kg		114	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1052		mg/Kg		104	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 890-3781-1 MSD
Matrix: Solid
Analysis Batch: 43781

Client Sample ID: S-3 (0-0.5')
Prep Type: Total/NA
Prep Batch: 43745

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1087		mg/Kg		109	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1209		mg/Kg		120	70 - 130	14	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	103		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-43640/1-A
Matrix: Solid
Analysis Batch: 43700

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/12/23 23:35	1

Lab Sample ID: LCS 880-43640/2-A
Matrix: Solid
Analysis Batch: 43700

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	269.1		mg/Kg		108	90 - 110

Lab Sample ID: LCSD 880-43640/3-A
Matrix: Solid
Analysis Batch: 43700

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	269.5		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 890-3781-1 MS
Matrix: Solid
Analysis Batch: 43700

Client Sample ID: S-3 (0-0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3820	F1	1240	5660	F1	mg/Kg		148	90 - 110

Lab Sample ID: 890-3781-1 MSD
Matrix: Solid
Analysis Batch: 43700

Client Sample ID: S-3 (0-0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3820	F1	1240	5649	F1	mg/Kg		148	90 - 110	0	20

Lab Sample ID: 890-3781-11 MS
Matrix: Solid
Analysis Batch: 43700

Client Sample ID: S-4 (4-5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2670	F1	1260	4623	F1	mg/Kg		155	90 - 110

Lab Sample ID: 890-3781-11 MSD
Matrix: Solid
Analysis Batch: 43700

Client Sample ID: S-4 (4-5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2670	F1	1260	4631	F1	mg/Kg		155	90 - 110	0	20

Lab Sample ID: MB 880-43630/1-A
Matrix: Solid
Analysis Batch: 43705

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/13/23 04:53	1

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-43630/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43705

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	245.6		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-43630/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43705

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	259.3		mg/Kg		104	90 - 110	5	20

Lab Sample ID: 880-23426-A-11-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43705

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	263	F1	251	527.4		mg/Kg		106	90 - 110		

Lab Sample ID: 880-23426-A-11-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 43705

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	263	F1	251	545.4	F1	mg/Kg		113	90 - 110	3	20

Lab Sample ID: MB 880-44423/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 44568

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/24/23 03:32	1

Lab Sample ID: LCS 880-44423/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 44568

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	265.6		mg/Kg		106	90 - 110		

Lab Sample ID: LCSD 880-44423/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 44568

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	264.8		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 890-3781-5 MS — **Client Sample ID: S-3 (4-4.5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 44568

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	132	F1	248	411.1	F1	mg/Kg		112	90 - 110		

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-3781-5 MSD
Matrix: Solid
Analysis Batch: 44568

Client Sample ID: S-3 (4-4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	132	F1	248	411.5	F1	mg/Kg		113	90 - 110	0	20

Lab Sample ID: MB 880-44629/1-A
Matrix: Solid
Analysis Batch: 44686

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			01/25/23 02:06	1

Lab Sample ID: LCS 880-44629/2-A
Matrix: Solid
Analysis Batch: 44686

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	268.5		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-44629/3-A
Matrix: Solid
Analysis Batch: 44686

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	268.5		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 890-3781-1 MS
Matrix: Solid
Analysis Batch: 44686

Client Sample ID: S-3 (0-0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	22.4		251	283.9		mg/Kg		104	90 - 110

Lab Sample ID: 890-3781-1 MSD
Matrix: Solid
Analysis Batch: 44686

Client Sample ID: S-3 (0-0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	22.4		251	284.6		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 890-3781-11 MS
Matrix: Solid
Analysis Batch: 44686

Client Sample ID: S-4 (4-5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	369	F1	248	495.5	F1	mg/Kg		51	90 - 110

Lab Sample ID: 890-3781-11 MSD
Matrix: Solid
Analysis Batch: 44686

Client Sample ID: S-4 (4-5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	369	F1	248	494.5	F1	mg/Kg		50	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

GC VOA

Prep Batch: 43543

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-43543/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 43654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-1	S-3 (0-0.5')	Total/NA	Solid	5035	
890-3781-2	S-3 (1-1.5')	Total/NA	Solid	5035	
890-3781-3	S-3 (2-2.5')	Total/NA	Solid	5035	
890-3781-11	S-4 (4-5')	Total/NA	Solid	5035	
890-3781-12	S-4 (5-5.5')	Total/NA	Solid	5035	
890-3781-13	S-5 (0-0.5')	Total/NA	Solid	5035	
890-3781-14	S-5 (1-1.5')	Total/NA	Solid	5035	
890-3781-15	S-5 (2-2.5')	Total/NA	Solid	5035	
890-3781-16	S-5 (3-3.5')	Total/NA	Solid	5035	
890-3781-17	S-5 (4-4.5')	Total/NA	Solid	5035	
890-3781-18	S-5 (5-5.5')	Total/NA	Solid	5035	
890-3781-19	S-6 (0-0.5')	Total/NA	Solid	5035	
890-3781-20	S-6 (1-1.5')	Total/NA	Solid	5035	
MB 880-43654/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43654/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43654/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3781-1 MS	S-3 (0-0.5')	Total/NA	Solid	5035	
890-3781-1 MSD	S-3 (0-0.5')	Total/NA	Solid	5035	

Prep Batch: 43675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-43675/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 43697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-21	S-6 (2-2.5')	Total/NA	Solid	8021B	43731
890-3781-22	S-6 (3-3.5')	Total/NA	Solid	8021B	43731
MB 880-43675/5-A	Method Blank	Total/NA	Solid	8021B	43675
MB 880-43731/5-A	Method Blank	Total/NA	Solid	8021B	43731
LCS 880-43731/1-A	Lab Control Sample	Total/NA	Solid	8021B	43731
LCSD 880-43731/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43731
890-3815-A-3-D MS	Matrix Spike	Total/NA	Solid	8021B	43731
890-3815-A-3-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	43731

Prep Batch: 43731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-21	S-6 (2-2.5')	Total/NA	Solid	5035	
890-3781-22	S-6 (3-3.5')	Total/NA	Solid	5035	
MB 880-43731/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43731/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43731/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3815-A-3-D MS	Matrix Spike	Total/NA	Solid	5035	
890-3815-A-3-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 43790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-23	S-6 (4-4.5')	Total/NA	Solid	8021B	43798

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

GC VOA (Continued)

Analysis Batch: 43790 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-24	S-6 (5-5.5')	Total/NA	Solid	8021B	43798
MB 880-43543/5-A	Method Blank	Total/NA	Solid	8021B	43543
MB 880-43798/5-A	Method Blank	Total/NA	Solid	8021B	43798
LCS 880-43798/1-A	Lab Control Sample	Total/NA	Solid	8021B	43798
LCSD 880-43798/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43798
880-23427-A-60-D MS	Matrix Spike	Total/NA	Solid	8021B	43798
880-23427-A-60-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	43798

Prep Batch: 43798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-23	S-6 (4-4.5')	Total/NA	Solid	5035	
890-3781-24	S-6 (5-5.5')	Total/NA	Solid	5035	
MB 880-43798/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43798/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43798/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-23427-A-60-D MS	Matrix Spike	Total/NA	Solid	5035	
880-23427-A-60-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 43817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-1	S-3 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3781-2	S-3 (1-1.5')	Total/NA	Solid	Total BTEX	
890-3781-3	S-3 (2-2.5')	Total/NA	Solid	Total BTEX	
890-3781-4	S-3 (3-3.5')	Total/NA	Solid	Total BTEX	
890-3781-5	S-3 (4-4.5')	Total/NA	Solid	Total BTEX	
890-3781-6	S-3 (5-5.5')	Total/NA	Solid	Total BTEX	
890-3781-7	S-4 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3781-8	S-4 (1-1.5')	Total/NA	Solid	Total BTEX	
890-3781-9	S-4 (2-2.5')	Total/NA	Solid	Total BTEX	
890-3781-10	S-4 (3-3.5')	Total/NA	Solid	Total BTEX	
890-3781-11	S-4 (4-5')	Total/NA	Solid	Total BTEX	
890-3781-12	S-4 (5-5.5')	Total/NA	Solid	Total BTEX	
890-3781-13	S-5 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3781-14	S-5 (1-1.5')	Total/NA	Solid	Total BTEX	
890-3781-15	S-5 (2-2.5')	Total/NA	Solid	Total BTEX	
890-3781-16	S-5 (3-3.5')	Total/NA	Solid	Total BTEX	
890-3781-17	S-5 (4-4.5')	Total/NA	Solid	Total BTEX	
890-3781-18	S-5 (5-5.5')	Total/NA	Solid	Total BTEX	
890-3781-19	S-6 (0-0.5')	Total/NA	Solid	Total BTEX	
890-3781-20	S-6 (1-1.5')	Total/NA	Solid	Total BTEX	
890-3781-21	S-6 (2-2.5')	Total/NA	Solid	Total BTEX	
890-3781-22	S-6 (3-3.5')	Total/NA	Solid	Total BTEX	
890-3781-23	S-6 (4-4.5')	Total/NA	Solid	Total BTEX	
890-3781-24	S-6 (5-5.5')	Total/NA	Solid	Total BTEX	

Prep Batch: 43832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-4	S-3 (3-3.5')	Total/NA	Solid	5035	
890-3781-5	S-3 (4-4.5')	Total/NA	Solid	5035	
890-3781-6	S-3 (5-5.5')	Total/NA	Solid	5035	
890-3781-7	S-4 (0-0.5')	Total/NA	Solid	5035	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

GC VOA (Continued)

Prep Batch: 43832 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-8	S-4 (1-1.5')	Total/NA	Solid	5035	
890-3781-9	S-4 (2-2.5')	Total/NA	Solid	5035	
890-3781-10	S-4 (3-3.5')	Total/NA	Solid	5035	
MB 880-43832/5-B	Method Blank	Total/NA	Solid	5035	
LCS 880-43832/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43832/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 43866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-1	S-3 (0-0.5')	Total/NA	Solid	8021B	43654
890-3781-2	S-3 (1-1.5')	Total/NA	Solid	8021B	43654
890-3781-3	S-3 (2-2.5')	Total/NA	Solid	8021B	43654
890-3781-4	S-3 (3-3.5')	Total/NA	Solid	8021B	43832
890-3781-5	S-3 (4-4.5')	Total/NA	Solid	8021B	43832
890-3781-6	S-3 (5-5.5')	Total/NA	Solid	8021B	43832
890-3781-7	S-4 (0-0.5')	Total/NA	Solid	8021B	43832
890-3781-8	S-4 (1-1.5')	Total/NA	Solid	8021B	43832
890-3781-9	S-4 (2-2.5')	Total/NA	Solid	8021B	43832
890-3781-10	S-4 (3-3.5')	Total/NA	Solid	8021B	43832
890-3781-11	S-4 (4-5')	Total/NA	Solid	8021B	43654
890-3781-12	S-4 (5-5.5')	Total/NA	Solid	8021B	43654
890-3781-13	S-5 (0-0.5')	Total/NA	Solid	8021B	43654
890-3781-14	S-5 (1-1.5')	Total/NA	Solid	8021B	43654
890-3781-15	S-5 (2-2.5')	Total/NA	Solid	8021B	43654
890-3781-16	S-5 (3-3.5')	Total/NA	Solid	8021B	43654
890-3781-17	S-5 (4-4.5')	Total/NA	Solid	8021B	43654
890-3781-18	S-5 (5-5.5')	Total/NA	Solid	8021B	43654
890-3781-19	S-6 (0-0.5')	Total/NA	Solid	8021B	43654
890-3781-20	S-6 (1-1.5')	Total/NA	Solid	8021B	43654
MB 880-43654/5-A	Method Blank	Total/NA	Solid	8021B	43654
MB 880-43832/5-B	Method Blank	Total/NA	Solid	8021B	43832
LCS 880-43654/1-A	Lab Control Sample	Total/NA	Solid	8021B	43654
LCS 880-43832/1-A	Lab Control Sample	Total/NA	Solid	8021B	43832
LCSD 880-43654/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43654
LCSD 880-43832/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43832
890-3781-1 MS	S-3 (0-0.5')	Total/NA	Solid	8021B	43654
890-3781-1 MSD	S-3 (0-0.5')	Total/NA	Solid	8021B	43654

GC Semi VOA

Prep Batch: 43713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-21	S-6 (2-2.5')	Total/NA	Solid	8015NM Prep	
890-3781-22	S-6 (3-3.5')	Total/NA	Solid	8015NM Prep	
890-3781-23	S-6 (4-4.5')	Total/NA	Solid	8015NM Prep	
890-3781-24	S-6 (5-5.5')	Total/NA	Solid	8015NM Prep	
MB 880-43713/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43713/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43713/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3781-21 MS	S-6 (2-2.5')	Total/NA	Solid	8015NM Prep	
890-3781-21 MSD	S-6 (2-2.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

GC Semi VOA

Prep Batch: 43745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-1	S-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3781-2	S-3 (1-1.5')	Total/NA	Solid	8015NM Prep	
890-3781-3	S-3 (2-2.5')	Total/NA	Solid	8015NM Prep	
890-3781-4	S-3 (3-3.5')	Total/NA	Solid	8015NM Prep	
890-3781-5	S-3 (4-4.5')	Total/NA	Solid	8015NM Prep	
890-3781-6	S-3 (5-5.5')	Total/NA	Solid	8015NM Prep	
890-3781-7	S-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3781-8	S-4 (1-1.5')	Total/NA	Solid	8015NM Prep	
890-3781-9	S-4 (2-2.5')	Total/NA	Solid	8015NM Prep	
890-3781-10	S-4 (3-3.5')	Total/NA	Solid	8015NM Prep	
890-3781-11	S-4 (4-5')	Total/NA	Solid	8015NM Prep	
890-3781-12	S-4 (5-5.5')	Total/NA	Solid	8015NM Prep	
890-3781-13	S-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3781-14	S-5 (1-1.5')	Total/NA	Solid	8015NM Prep	
890-3781-15	S-5 (2-2.5')	Total/NA	Solid	8015NM Prep	
890-3781-16	S-5 (3-3.5')	Total/NA	Solid	8015NM Prep	
890-3781-17	S-5 (4-4.5')	Total/NA	Solid	8015NM Prep	
890-3781-18	S-5 (5-5.5')	Total/NA	Solid	8015NM Prep	
890-3781-19	S-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3781-20	S-6 (1-1.5')	Total/NA	Solid	8015NM Prep	
MB 880-43745/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43745/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43745/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3781-1 MS	S-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-3781-1 MSD	S-3 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 43779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-21	S-6 (2-2.5')	Total/NA	Solid	8015B NM	43713
890-3781-22	S-6 (3-3.5')	Total/NA	Solid	8015B NM	43713
890-3781-23	S-6 (4-4.5')	Total/NA	Solid	8015B NM	43713
890-3781-24	S-6 (5-5.5')	Total/NA	Solid	8015B NM	43713
MB 880-43713/1-A	Method Blank	Total/NA	Solid	8015B NM	43713
LCS 880-43713/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43713
LCSD 880-43713/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43713
890-3781-21 MS	S-6 (2-2.5')	Total/NA	Solid	8015B NM	43713
890-3781-21 MSD	S-6 (2-2.5')	Total/NA	Solid	8015B NM	43713

Analysis Batch: 43781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-1	S-3 (0-0.5')	Total/NA	Solid	8015B NM	43745
890-3781-2	S-3 (1-1.5')	Total/NA	Solid	8015B NM	43745
890-3781-3	S-3 (2-2.5')	Total/NA	Solid	8015B NM	43745
890-3781-4	S-3 (3-3.5')	Total/NA	Solid	8015B NM	43745
890-3781-5	S-3 (4-4.5')	Total/NA	Solid	8015B NM	43745
890-3781-6	S-3 (5-5.5')	Total/NA	Solid	8015B NM	43745
890-3781-7	S-4 (0-0.5')	Total/NA	Solid	8015B NM	43745
890-3781-8	S-4 (1-1.5')	Total/NA	Solid	8015B NM	43745
890-3781-9	S-4 (2-2.5')	Total/NA	Solid	8015B NM	43745
890-3781-10	S-4 (3-3.5')	Total/NA	Solid	8015B NM	43745
890-3781-11	S-4 (4-5')	Total/NA	Solid	8015B NM	43745

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

GC Semi VOA (Continued)

Analysis Batch: 43781 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-12	S-4 (5-5.5')	Total/NA	Solid	8015B NM	43745
890-3781-13	S-5 (0-0.5')	Total/NA	Solid	8015B NM	43745
890-3781-14	S-5 (1-1.5')	Total/NA	Solid	8015B NM	43745
890-3781-15	S-5 (2-2.5')	Total/NA	Solid	8015B NM	43745
890-3781-16	S-5 (3-3.5')	Total/NA	Solid	8015B NM	43745
890-3781-17	S-5 (4-4.5')	Total/NA	Solid	8015B NM	43745
890-3781-18	S-5 (5-5.5')	Total/NA	Solid	8015B NM	43745
890-3781-19	S-6 (0-0.5')	Total/NA	Solid	8015B NM	43745
890-3781-20	S-6 (1-1.5')	Total/NA	Solid	8015B NM	43745
MB 880-43745/1-A	Method Blank	Total/NA	Solid	8015B NM	43745
LCS 880-43745/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43745
LCSD 880-43745/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43745
890-3781-1 MS	S-3 (0-0.5')	Total/NA	Solid	8015B NM	43745
890-3781-1 MSD	S-3 (0-0.5')	Total/NA	Solid	8015B NM	43745

Analysis Batch: 43879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-1	S-3 (0-0.5')	Total/NA	Solid	8015 NM	
890-3781-2	S-3 (1-1.5')	Total/NA	Solid	8015 NM	
890-3781-3	S-3 (2-2.5')	Total/NA	Solid	8015 NM	
890-3781-4	S-3 (3-3.5')	Total/NA	Solid	8015 NM	
890-3781-5	S-3 (4-4.5')	Total/NA	Solid	8015 NM	
890-3781-6	S-3 (5-5.5')	Total/NA	Solid	8015 NM	
890-3781-7	S-4 (0-0.5')	Total/NA	Solid	8015 NM	
890-3781-8	S-4 (1-1.5')	Total/NA	Solid	8015 NM	
890-3781-9	S-4 (2-2.5')	Total/NA	Solid	8015 NM	
890-3781-10	S-4 (3-3.5')	Total/NA	Solid	8015 NM	
890-3781-11	S-4 (4-5')	Total/NA	Solid	8015 NM	
890-3781-12	S-4 (5-5.5')	Total/NA	Solid	8015 NM	
890-3781-13	S-5 (0-0.5')	Total/NA	Solid	8015 NM	
890-3781-14	S-5 (1-1.5')	Total/NA	Solid	8015 NM	
890-3781-15	S-5 (2-2.5')	Total/NA	Solid	8015 NM	
890-3781-16	S-5 (3-3.5')	Total/NA	Solid	8015 NM	
890-3781-17	S-5 (4-4.5')	Total/NA	Solid	8015 NM	
890-3781-18	S-5 (5-5.5')	Total/NA	Solid	8015 NM	
890-3781-19	S-6 (0-0.5')	Total/NA	Solid	8015 NM	
890-3781-20	S-6 (1-1.5')	Total/NA	Solid	8015 NM	
890-3781-21	S-6 (2-2.5')	Total/NA	Solid	8015 NM	
890-3781-22	S-6 (3-3.5')	Total/NA	Solid	8015 NM	
890-3781-23	S-6 (4-4.5')	Total/NA	Solid	8015 NM	
890-3781-24	S-6 (5-5.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 43630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-21	S-6 (2-2.5')	Soluble	Solid	DI Leach	
890-3781-22	S-6 (3-3.5')	Soluble	Solid	DI Leach	
890-3781-23	S-6 (4-4.5')	Soluble	Solid	DI Leach	
890-3781-24	S-6 (5-5.5')	Soluble	Solid	DI Leach	
MB 880-43630/1-A	Method Blank	Soluble	Solid	DI Leach	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

HPLC/IC (Continued)

Leach Batch: 43630 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-43630/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43630/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-23426-A-11-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-23426-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 43640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-13	S-5 (0-0.5')	Soluble	Solid	DI Leach	
890-3781-14	S-5 (1-1.5')	Soluble	Solid	DI Leach	
890-3781-15	S-5 (2-2.5')	Soluble	Solid	DI Leach	
890-3781-16	S-5 (3-3.5')	Soluble	Solid	DI Leach	
890-3781-17	S-5 (4-4.5')	Soluble	Solid	DI Leach	
890-3781-18	S-5 (5-5.5')	Soluble	Solid	DI Leach	
890-3781-19	S-6 (0-0.5')	Soluble	Solid	DI Leach	
890-3781-20	S-6 (1-1.5')	Soluble	Solid	DI Leach	
MB 880-43640/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43640/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43640/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3781-1 MS	S-3 (0-0.5')	Soluble	Solid	DI Leach	
890-3781-1 MSD	S-3 (0-0.5')	Soluble	Solid	DI Leach	
890-3781-11 MS	S-4 (4-5')	Soluble	Solid	DI Leach	
890-3781-11 MSD	S-4 (4-5')	Soluble	Solid	DI Leach	

Analysis Batch: 43700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-13	S-5 (0-0.5')	Soluble	Solid	300.0	43640
890-3781-14	S-5 (1-1.5')	Soluble	Solid	300.0	43640
890-3781-15	S-5 (2-2.5')	Soluble	Solid	300.0	43640
890-3781-16	S-5 (3-3.5')	Soluble	Solid	300.0	43640
890-3781-17	S-5 (4-4.5')	Soluble	Solid	300.0	43640
890-3781-18	S-5 (5-5.5')	Soluble	Solid	300.0	43640
890-3781-19	S-6 (0-0.5')	Soluble	Solid	300.0	43640
890-3781-20	S-6 (1-1.5')	Soluble	Solid	300.0	43640
MB 880-43640/1-A	Method Blank	Soluble	Solid	300.0	43640
LCS 880-43640/2-A	Lab Control Sample	Soluble	Solid	300.0	43640
LCSD 880-43640/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43640
890-3781-1 MS	S-3 (0-0.5')	Soluble	Solid	300.0	43640
890-3781-1 MSD	S-3 (0-0.5')	Soluble	Solid	300.0	43640
890-3781-11 MS	S-4 (4-5')	Soluble	Solid	300.0	43640
890-3781-11 MSD	S-4 (4-5')	Soluble	Solid	300.0	43640

Analysis Batch: 43705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-21	S-6 (2-2.5')	Soluble	Solid	300.0	43630
890-3781-22	S-6 (3-3.5')	Soluble	Solid	300.0	43630
890-3781-23	S-6 (4-4.5')	Soluble	Solid	300.0	43630
890-3781-24	S-6 (5-5.5')	Soluble	Solid	300.0	43630
MB 880-43630/1-A	Method Blank	Soluble	Solid	300.0	43630
LCS 880-43630/2-A	Lab Control Sample	Soluble	Solid	300.0	43630
LCSD 880-43630/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43630
880-23426-A-11-C MS	Matrix Spike	Soluble	Solid	300.0	43630

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

HPLC/IC (Continued)

Analysis Batch: 43705 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23426-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	43630

Leach Batch: 44423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-1	S-3 (0-0.5')	Soluble	Solid	DI Leach	
890-3781-2	S-3 (1-1.5')	Soluble	Solid	DI Leach	
890-3781-3	S-3 (2-2.5')	Soluble	Solid	DI Leach	
890-3781-4	S-3 (3-3.5')	Soluble	Solid	DI Leach	
890-3781-5	S-3 (4-4.5')	Soluble	Solid	DI Leach	
890-3781-6	S-3 (5-5.5')	Soluble	Solid	DI Leach	
890-3781-7	S-4 (0-0.5')	Soluble	Solid	DI Leach	
890-3781-8	S-4 (1-1.5')	Soluble	Solid	DI Leach	
890-3781-9	S-4 (2-2.5')	Soluble	Solid	DI Leach	
890-3781-10	S-4 (3-3.5')	Soluble	Solid	DI Leach	
890-3781-11	S-4 (4-5')	Soluble	Solid	DI Leach	
890-3781-12	S-4 (5-5.5')	Soluble	Solid	DI Leach	
MB 880-44423/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-44423/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-44423/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3781-5 MS	S-3 (4-4.5')	Soluble	Solid	DI Leach	
890-3781-5 MSD	S-3 (4-4.5')	Soluble	Solid	DI Leach	

Analysis Batch: 44568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3781-1	S-3 (0-0.5')	Soluble	Solid	300.0	44423
890-3781-2	S-3 (1-1.5')	Soluble	Solid	300.0	44423
890-3781-3	S-3 (2-2.5')	Soluble	Solid	300.0	44423
890-3781-4	S-3 (3-3.5')	Soluble	Solid	300.0	44423
890-3781-5	S-3 (4-4.5')	Soluble	Solid	300.0	44423
890-3781-6	S-3 (5-5.5')	Soluble	Solid	300.0	44423
890-3781-7	S-4 (0-0.5')	Soluble	Solid	300.0	44423
890-3781-8	S-4 (1-1.5')	Soluble	Solid	300.0	44423
890-3781-9	S-4 (2-2.5')	Soluble	Solid	300.0	44423
890-3781-10	S-4 (3-3.5')	Soluble	Solid	300.0	44423
890-3781-11	S-4 (4-5')	Soluble	Solid	300.0	44423
890-3781-12	S-4 (5-5.5')	Soluble	Solid	300.0	44423
MB 880-44423/1-A	Method Blank	Soluble	Solid	300.0	44423
LCS 880-44423/2-A	Lab Control Sample	Soluble	Solid	300.0	44423
LCSD 880-44423/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	44423
890-3781-5 MS	S-3 (4-4.5')	Soluble	Solid	300.0	44423
890-3781-5 MSD	S-3 (4-4.5')	Soluble	Solid	300.0	44423

Leach Batch: 44629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-44629/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-44629/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-44629/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3781-1 MS	S-3 (0-0.5')	Soluble	Solid	DI Leach	
890-3781-1 MSD	S-3 (0-0.5')	Soluble	Solid	DI Leach	
890-3781-11 MS	S-4 (4-5')	Soluble	Solid	DI Leach	
890-3781-11 MSD	S-4 (4-5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

HPLC/IC

Analysis Batch: 44686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-44629/1-A	Method Blank	Soluble	Solid	300.0	44629
LCS 880-44629/2-A	Lab Control Sample	Soluble	Solid	300.0	44629
LCSD 880-44629/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	44629
890-3781-1 MS	S-3 (0-0.5')	Soluble	Solid	300.0	44629
890-3781-1 MSD	S-3 (0-0.5')	Soluble	Solid	300.0	44629
890-3781-11 MS	S-4 (4-5')	Soluble	Solid	300.0	44629
890-3781-11 MSD	S-4 (4-5')	Soluble	Solid	300.0	44629

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-3 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43654	01/10/23 13:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/13/23 13:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/13/23 14:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 10:37	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		1			44568	01/24/23 04:52	CH	EET MID

Client Sample ID: S-3 (1-1.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43654	01/10/23 13:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/13/23 13:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/13/23 14:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 11:43	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		1			44568	01/24/23 04:58	CH	EET MID

Client Sample ID: S-3 (2-2.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43654	01/10/23 13:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/13/23 13:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/13/23 14:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 12:04	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		1			44568	01/24/23 05:05	CH	EET MID

Client Sample ID: S-3 (3-3.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43832	01/12/23 14:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/14/23 01:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/16/23 17:00	AJ	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-3 (3-3.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 12:26	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		1			44568	01/24/23 05:11	CH	EET MID

Client Sample ID: S-3 (4-4.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	43832	01/12/23 14:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/14/23 02:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 12:48	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		1			44568	01/24/23 05:17	CH	EET MID

Client Sample ID: S-3 (5-5.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43832	01/12/23 14:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/14/23 02:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 13:09	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		1			44568	01/24/23 05:35	CH	EET MID

Client Sample ID: S-4 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43832	01/12/23 14:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/14/23 02:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 13:31	AJ	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-4 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		1			44568	01/24/23 05:41	CH	EET MID

Client Sample ID: S-4 (1-1.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43832	01/12/23 14:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/14/23 03:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 13:53	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		1			44568	01/24/23 06:00	CH	EET MID

Client Sample ID: S-4 (2-2.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43832	01/12/23 14:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/14/23 03:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 14:14	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		1			44568	01/24/23 06:06	CH	EET MID

Client Sample ID: S-4 (3-3.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43832	01/12/23 14:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/14/23 03:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 14:36	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		1			44568	01/24/23 06:12	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-4 (4-5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43654	01/10/23 13:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/13/23 18:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 15:42	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		1			44568	01/24/23 06:19	CH	EET MID

Client Sample ID: S-4 (5-5.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	43654	01/10/23 13:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/13/23 18:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 16:04	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	44423	01/20/23 10:02	KS	EET MID
Soluble	Analysis	300.0		1			44568	01/24/23 06:25	CH	EET MID

Client Sample ID: S-5 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43654	01/10/23 13:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/13/23 18:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 16:26	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43640	01/10/23 12:04	KS	EET MID
Soluble	Analysis	300.0		1			43700	01/13/23 09:38	CH	EET MID

Client Sample ID: S-5 (1-1.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43654	01/10/23 13:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/13/23 19:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/16/23 17:00	AJ	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-5 (1-1.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 16:48	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43640	01/10/23 12:04	KS	EET MID
Soluble	Analysis	300.0		1			43700	01/13/23 09:57	CH	EET MID

Client Sample ID: S-5 (2-2.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43654	01/10/23 13:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/13/23 19:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 17:10	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	43640	01/10/23 12:04	KS	EET MID
Soluble	Analysis	300.0		1			43700	01/13/23 10:03	CH	EET MID

Client Sample ID: S-5 (3-3.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43654	01/10/23 13:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/13/23 19:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 17:32	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	43640	01/10/23 12:04	KS	EET MID
Soluble	Analysis	300.0		1			43700	01/13/23 10:09	CH	EET MID

Client Sample ID: S-5 (4-4.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	43654	01/10/23 13:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/13/23 20:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 17:54	AJ	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-5 (4-4.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	43640	01/10/23 12:04	KS	EET MID
Soluble	Analysis	300.0		1			43700	01/13/23 10:15	CH	EET MID

Client Sample ID: S-5 (5-5.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	43654	01/10/23 13:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/13/23 20:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 18:16	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43640	01/10/23 12:04	KS	EET MID
Soluble	Analysis	300.0		1			43700	01/13/23 10:21	CH	EET MID

Client Sample ID: S-6 (0-0.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43654	01/10/23 13:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/13/23 20:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 18:38	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43640	01/10/23 12:04	KS	EET MID
Soluble	Analysis	300.0		1			43700	01/13/23 10:27	CH	EET MID

Client Sample ID: S-6 (1-1.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43654	01/10/23 13:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/13/23 21:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43745	01/11/23 13:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43781	01/12/23 19:00	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43640	01/10/23 12:04	KS	EET MID
Soluble	Analysis	300.0		1			43700	01/13/23 10:34	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-6 (2-2.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43731	01/11/23 10:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43697	01/12/23 05:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/12/23 13:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43713	01/11/23 09:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 20:49	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43630	01/10/23 11:54	KS	EET MID
Soluble	Analysis	300.0		1			43705	01/13/23 07:02	CH	EET MID

Client Sample ID: S-6 (3-3.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	43731	01/11/23 10:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43697	01/12/23 05:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/12/23 13:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43713	01/11/23 09:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 21:54	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43630	01/10/23 11:54	KS	EET MID
Soluble	Analysis	300.0		1			43705	01/13/23 07:07	CH	EET MID

Client Sample ID: S-6 (4-4.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43798	01/12/23 09:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43790	01/13/23 02:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/13/23 07:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43713	01/11/23 09:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 22:16	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	43630	01/10/23 11:54	KS	EET MID
Soluble	Analysis	300.0		1			43705	01/13/23 07:11	CH	EET MID

Client Sample ID: S-6 (5-5.5')
Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43798	01/12/23 09:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43790	01/13/23 02:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			43817	01/13/23 07:51	AJ	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Client Sample ID: S-6 (5-5.5')

Date Collected: 01/05/23 00:00
Date Received: 01/06/23 16:08

Lab Sample ID: 890-3781-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			43879	01/13/23 12:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43713	01/11/23 09:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43779	01/12/23 22:38	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	43630	01/10/23 11:54	KS	EET MID
Soluble	Analysis	300.0		1			43705	01/13/23 07:16	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

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

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

Method Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

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

Protocol References:

ASTM = ASTM International
MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: Diamondback 24-25 Fed Com Battery

Job ID: 890-3781-1
SDG: 226700

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3781-1	S-3 (0-0.5')	Solid	01/05/23 00:00	01/06/23 16:08	0 - 1.5
890-3781-2	S-3 (1-1.5')	Solid	01/05/23 00:00	01/06/23 16:08	1 - 1.5
890-3781-3	S-3 (2-2.5')	Solid	01/05/23 00:00	01/06/23 16:08	2 - 2.5
890-3781-4	S-3 (3-3.5')	Solid	01/05/23 00:00	01/06/23 16:08	3 - 3.5
890-3781-5	S-3 (4-4.5')	Solid	01/05/23 00:00	01/06/23 16:08	4 - 4.5
890-3781-6	S-3 (5-5.5')	Solid	01/05/23 00:00	01/06/23 16:08	5 - 5.5
890-3781-7	S-4 (0-0.5')	Solid	01/05/23 00:00	01/06/23 16:08	0 - 1
890-3781-8	S-4 (1-1.5')	Solid	01/05/23 00:00	01/06/23 16:08	1 - 1.5
890-3781-9	S-4 (2-2.5')	Solid	01/05/23 00:00	01/06/23 16:08	2 - 2.5
890-3781-10	S-4 (3-3.5')	Solid	01/05/23 00:00	01/06/23 16:08	3 - 3.5
890-3781-11	S-4 (4-5')	Solid	01/05/23 00:00	01/06/23 16:08	4 - 4.5
890-3781-12	S-4 (5-5.5')	Solid	01/05/23 00:00	01/06/23 16:08	5 - 5.5
890-3781-13	S-5 (0-0.5')	Solid	01/05/23 00:00	01/06/23 16:08	0 - 1
890-3781-14	S-5 (1-1.5')	Solid	01/05/23 00:00	01/06/23 16:08	1 - 1.5
890-3781-15	S-5 (2-2.5')	Solid	01/05/23 00:00	01/06/23 16:08	2 - 2.5
890-3781-16	S-5 (3-3.5')	Solid	01/05/23 00:00	01/06/23 16:08	3 - 3.5
890-3781-17	S-5 (4-4.5')	Solid	01/05/23 00:00	01/06/23 16:08	4 - 4.5
890-3781-18	S-5 (5-5.5')	Solid	01/05/23 00:00	01/06/23 16:08	5 - 5.5
890-3781-19	S-6 (0-0.5')	Solid	01/05/23 00:00	01/06/23 16:08	0 - 1
890-3781-20	S-6 (1-1.5')	Solid	01/05/23 00:00	01/06/23 16:08	1 - 1.5
890-3781-21	S-6 (2-2.5')	Solid	01/05/23 00:00	01/06/23 16:08	2 - 2.5
890-3781-22	S-6 (3-3.5')	Solid	01/05/23 00:00	01/06/23 16:08	3 - 3.5
890-3781-23	S-6 (4-4.5')	Solid	01/05/23 00:00	01/06/23 16:08	4 - 4.5
890-3781-24	S-6 (5-5.5')	Solid	01/05/23 00:00	01/06/23 16:08	5 - 5.5

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

1/27/2023 (Rev. 1)

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level I☐ PST/U☐ TR☐ Le☐el

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Diamondback 24-25 Fed Com Battery	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Kellan Smith	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	TMM-007
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	1.4
Total Containers:		Corrected Temperature:	1.2

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-3 (0-0.5')	1/5/2023		x		Grab			x	x	x		
S-3 (1-1.5')	1/5/2023		x		Grab			x	x	x		
S-3 (2-2.5')	1/5/2023		x		Grab			x	x	x		
S-3 (3-3.5')	1/5/2023		x		Grab			x	x	x		
S-3 (4-4.5')	1/5/2023		x		Grab			x	x	x		
S-3 (5-5.5')	1/5/2023		x		Grab			x	x	x		
S-4 (0-0.5')	1/5/2023		x		Grab			x	x	x		
S-4 (1-1.5')	1/5/2023		x		Grab			x	x	x		
S-4 (2-2.5')	1/5/2023		x		Grab			x	x	x		
S-4 (3-3.5')	1/5/2023		x		Grab			x	x	x		

Parameters

890-3781 Chain of Custody

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		Amanda Blatt	1-6-23 1408	2		
3				4		
5				6		

Revised Date 05012020 Rev. 2020.1

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Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

1/27/2023 (Rev. 1)

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level I☐ PST/U☐ TR☐ Le☐

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Diamondback 24-25 Fed Com Battery	Turn Around		Pres. Code	
Project Number:	226700	☑ Routine ☐ Rush			
Project Location	Lea County, NM	Due Date:			
Sampler's Name:	Kellan Smith	TAT starts the day received by the lab, if received by 4:30pm			
PO #:					

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500										HOLD	Sample Comments
S-4 (4-4.5')	1/5/2023		x		Grab		x	x	x											
S-4 (5-5.5')	1/5/2023		x		Grab		x	x	x											
S-5 (0-0.5')	1/5/2023		x		Grab		x	x	x											
S-5 (1-1.5')	1/5/2023		x		Grab		x	x	x											
S-5 (2-2.5')	1/5/2023		x		Grab		x	x	x											
S-5 (3-3.5')	1/5/2023		x		Grab		x	x	x											
S-5 (4-4.5')	1/5/2023		x		Grab		x	x	x											
S-5 (5-5.5')	1/5/2023		x		Grab		x	x	x											
S-6 (0-0.5')	1/5/2023		x		Grab		x	x	x											
S-6 (1-1.5')	1/5/2023		x		Grab		x	x	x											

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		Amanda Stiff	1-6-23 1608			
3				4		
5				6		

Revised Date 05012020 Rev. 2020.1

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Received by OCD: 12/17/2024 1:26:22 PM

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

1/27/2023 (Rev. 1)

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level I☐ PST/U☐ TR☐ Le☐el

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Diamondback 24-25 Fed Com Battery	Turn Around	☑ Routine ☐ Rush	Pres. Code	
Project Number:	226700				
Project Location	Lea County, NM	Due Date:			
Sampler's Name:	Kellan Smith	TAT starts the day received by the lab, if received by 4:30pm			
PO #:					

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:		Corrected Temperature:		

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500										HOLD	Sample Comments
S-6 (2-2.5')	1/5/2023		x		Grab		x	x	x											
S-6 (3-3.5')	1/5/2023		x		Grab		x	x	x											
S-6 (4-4.5')	1/5/2023		x		Grab		x	x	x											
S-6 (5-5.5')	1/5/2023		x		Grab		x	x	x											

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		Amanda Stuff	1-6-23 1608			
3				4		
5				6		

Revised Date 05012020 Rev. 2020.1

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Received by OCD: 12/17/2024 1:26:22 PM

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Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-3781-1
SDG Number: 226700

Login Number: 3781
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-3781-1
SDG Number: 226700

Login Number: 3781
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 01/10/23 10:43 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Becky Haskell
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Generated 2/15/2023 3:07:48 PM

JOB DESCRIPTION

Diamondback 24-25
SDG NUMBER 226700

JOB NUMBER

890-4092-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 4/2/2025 11:15:09 AM

my EOL

Eurofins Carlsbad

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
2/15/2023 3:07:48 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: NT Global
Project/Site: Diamondback 24-25

Laboratory Job ID: 890-4092-1
SDG: 226700

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Definitions/Glossary

Client: NT Global
Project/Site: Diamondback 24-25

Job ID: 890-4092-1
SDG: 226700

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: NT Global
Project/Site: Diamondback 24-25

Job ID: 890-4092-1
SDG: 226700

Job ID: 890-4092-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-4092-1

Receipt
The samples were received on 2/13/2023 12:27 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 18.0°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: TP-1 (890-4092-1), TP-1 (890-4092-2) and TP-1 (890-4092-3).

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: TP-1 (890-4092-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-46340 and analytical batch 880-46411 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25

Job ID: 890-4092-1
SDG: 226700

Client Sample ID: TP-1

Lab Sample ID: 890-4092-1
Matrix: Solid
Date Collected: 02/13/23 12:00
Date Received: 02/13/23 12:27
Sample Depth: 6'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/14/23 12:23	02/14/23 23:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/23 12:23	02/14/23 23:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/14/23 12:23	02/14/23 23:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/14/23 12:23	02/14/23 23:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/23 12:23	02/14/23 23:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/14/23 12:23	02/14/23 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*02/14/23 12:23*	*02/14/23 23:04*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*02/14/23 12:23*	*02/14/23 23:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/15/23 09:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/15/23 15:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/15/23 08:44	02/15/23 13:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/15/23 08:44	02/15/23 13:23	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/15/23 08:44	02/15/23 13:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*71*		*70 - 130*	*02/15/23 08:44*	*02/15/23 13:23*	*1*
o-Terphenyl	*70*		*70 - 130*	*02/15/23 08:44*	*02/15/23 13:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3160**		24.8		mg/Kg			02/15/23 13:25	5

Client Sample ID: TP-1

Lab Sample ID: 890-4092-2
Matrix: Solid
Date Collected: 02/13/23 12:00
Date Received: 02/13/23 12:27
Sample Depth: 8'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/14/23 12:23	02/14/23 23:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/23 12:23	02/14/23 23:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/14/23 12:23	02/14/23 23:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/14/23 12:23	02/14/23 23:25	1
o-Xylene	**0.00676**		0.00199		mg/Kg		02/14/23 12:23	02/14/23 23:25	1
Xylenes, Total	**0.00676**		0.00398		mg/Kg		02/14/23 12:23	02/14/23 23:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*02/14/23 12:23*	*02/14/23 23:25*	*1*

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25

Job ID: 890-4092-1
SDG: 226700

Client Sample ID: TP-1
Date Collected: 02/13/23 12:00
Date Received: 02/13/23 12:27
Sample Depth: 8'

Lab Sample ID: 890-4092-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*02/14/23 12:23*	*02/14/23 23:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00676**		0.00398		mg/Kg			02/15/23 09:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/15/23 15:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/15/23 08:44	02/15/23 13:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/23 08:44	02/15/23 13:45	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/23 08:44	02/15/23 13:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*02/15/23 08:44*	*02/15/23 13:45*	*1*
o-Terphenyl	*81*		*70 - 130*	*02/15/23 08:44*	*02/15/23 13:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1560**		24.8		mg/Kg			02/15/23 13:30	5

Client Sample ID: TP-1
Date Collected: 02/13/23 12:00
Date Received: 02/13/23 12:27
Sample Depth: 10'

Lab Sample ID: 890-4092-3
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/14/23 12:23	02/15/23 02:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/14/23 12:23	02/15/23 02:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/14/23 12:23	02/15/23 02:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/14/23 12:23	02/15/23 02:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/14/23 12:23	02/15/23 02:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/14/23 12:23	02/15/23 02:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*02/14/23 12:23*	*02/15/23 02:30*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*02/14/23 12:23*	*02/15/23 02:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/15/23 09:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/15/23 15:15	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25

Job ID: 890-4092-1
SDG: 226700

Client Sample ID: TP-1

Lab Sample ID: 890-4092-3
Matrix: Solid
Date Collected: 02/13/23 12:00
Date Received: 02/13/23 12:27
Sample Depth: 10'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/15/23 08:44	02/15/23 14:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/15/23 08:44	02/15/23 14:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/15/23 08:44	02/15/23 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*72*		*70 - 130*	*02/15/23 08:44*	*02/15/23 14:06*	*1*
o-Terphenyl	*69*	*S1-*	*70 - 130*	*02/15/23 08:44*	*02/15/23 14:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**152**		4.97		mg/Kg			02/15/23 13:35	1

Surrogate Summary

Client: NT Global
Project/Site: Diamondback 24-25

Job ID: 890-4092-1
SDG: 226700

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-24313-A-4-C MS	Matrix Spike	103	101
880-24313-A-4-D MSD	Matrix Spike Duplicate	114	90
890-4092-1	TP-1	118	88
890-4092-2	TP-1	110	85
890-4092-3	TP-1	117	95
LCS 880-46275/1-A	Lab Control Sample	113	102
LCSD 880-46275/2-A	Lab Control Sample Dup	115	101
MB 880-46177/5-A	Method Blank	76	88
MB 880-46275/5-A	Method Blank	79	90

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-24624-A-1-F MS	Matrix Spike	82	77
880-24624-A-1-G MSD	Matrix Spike Duplicate	92	78
890-4092-1	TP-1	71	70
890-4092-2	TP-1	85	81
890-4092-3	TP-1	72	69 S1-
LCS 880-46370/2-A	Lab Control Sample	91	93
LCSD 880-46370/3-A	Lab Control Sample Dup	91	94
MB 880-46370/1-A	Method Blank	82	82

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25

Job ID: 890-4092-1
SDG: 226700

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-46177/5-A
Matrix: Solid
Analysis Batch: 46260

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/13/23 15:05	02/14/23 11:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/13/23 15:05	02/14/23 11:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/13/23 15:05	02/14/23 11:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/13/23 15:05	02/14/23 11:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/13/23 15:05	02/14/23 11:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/13/23 15:05	02/14/23 11:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*	*02/13/23 15:05*	*02/14/23 11:06*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*02/13/23 15:05*	*02/14/23 11:06*	*1*

Lab Sample ID: MB 880-46275/5-A
Matrix: Solid
Analysis Batch: 46260

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46275

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/14/23 09:23	02/14/23 21:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/14/23 09:23	02/14/23 21:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/14/23 09:23	02/14/23 21:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/14/23 09:23	02/14/23 21:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/14/23 09:23	02/14/23 21:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/14/23 09:23	02/14/23 21:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*	*02/14/23 09:23*	*02/14/23 21:41*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*02/14/23 09:23*	*02/14/23 21:41*	*1*

Lab Sample ID: LCS 880-46275/1-A
Matrix: Solid
Analysis Batch: 46260

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 46275

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08909		mg/Kg		89	70 - 130		
Toluene			0.100	0.08799		mg/Kg		88	70 - 130		
Ethylbenzene			0.100	0.09387		mg/Kg		94	70 - 130		
m-Xylene & p-Xylene			0.200	0.2005		mg/Kg		100	70 - 130		
o-Xylene			0.100	0.1086		mg/Kg		109	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-46275/2-A
Matrix: Solid
Analysis Batch: 46260

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 46275

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1073		mg/Kg		107	70 - 130	19	35

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25

Job ID: 890-4092-1
SDG: 226700

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

Lab Sample ID: LCSD 880-46275/2-A
Matrix: Solid
Analysis Batch: 46260

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 46275

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1037		mg/Kg		104	70 - 130	16	35
Ethylbenzene			0.100	0.1056		mg/Kg		106	70 - 130	12	35
m-Xylene & p-Xylene			0.200	0.2275		mg/Kg		114	70 - 130	13	35
o-Xylene			0.100	0.1175		mg/Kg		117	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-24313-A-4-C MS
Matrix: Solid
Analysis Batch: 46260

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 46275

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09069		mg/Kg		90	70 - 130
Toluene	<0.00200	U	0.100	0.08947		mg/Kg		89	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08980		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.201	0.1896		mg/Kg		94	70 - 130
o-Xylene	<0.00200	U	0.100	0.09667		mg/Kg		96	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-24313-A-4-D MSD
Matrix: Solid
Analysis Batch: 46260

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 46275

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.09474		mg/Kg		96	70 - 130	4	35
Toluene	<0.00200	U	0.0990	0.09519		mg/Kg		96	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.0990	0.1023		mg/Kg		103	70 - 130	13	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.2156		mg/Kg		109	70 - 130	13	35
o-Xylene	<0.00200	U	0.0990	0.1100		mg/Kg		111	70 - 130	13	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

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

Lab Sample ID: MB 880-46370/1-A
Matrix: Solid
Analysis Batch: 46351

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 46370

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/15/23 07:44	02/15/23 08:08	1

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25

Job ID: 890-4092-1
SDG: 226700

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

Lab Sample ID: MB 880-46370/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 46351 — **Prep Batch: 46370**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/23 07:44	02/15/23 08:08	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/23 07:44	02/15/23 08:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*02/15/23 07:44*	*02/15/23 08:08*	*1*
o-Terphenyl	*82*		*70 - 130*	*02/15/23 07:44*	*02/15/23 08:08*	*1*

Lab Sample ID: LCS 880-46370/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 46351 — **Prep Batch: 46370**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	883.2		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	1000	936.2		mg/Kg		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*91*		*70 - 130*
o-Terphenyl	*93*		*70 - 130*

Lab Sample ID: LCSD 880-46370/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 46351 — **Prep Batch: 46370**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	871.1		mg/Kg		87	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	940.7		mg/Kg		94	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*91*		*70 - 130*
o-Terphenyl	*94*		*70 - 130*

Lab Sample ID: 880-24624-A-1-F MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 46351 — **Prep Batch: 46370**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	877.5		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	801.4		mg/Kg		78	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*82*		*70 - 130*
o-Terphenyl	*77*		*70 - 130*

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25

Job ID: 890-4092-1
SDG: 226700

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

Lab Sample ID: 880-24624-A-1-G MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 46351 — **Prep Batch: 46370**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	879.1		mg/Kg		85	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	819.3		mg/Kg		80	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*92*		*70 - 130*
o-Terphenyl	*78*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-46340/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 46411

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/15/23 11:29	1

Lab Sample ID: LCS 880-46340/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 46411

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.7		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-46340/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 46411

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	241.0		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 890-4082-A-31-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 46411

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	567	F1	249	780.6	F1	mg/Kg		86	90 - 110

Lab Sample ID: 890-4082-A-31-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 46411

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	567	F1	249	780.0	F1	mg/Kg		86	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25

Job ID: 890-4092-1
SDG: 226700

GC VOA

Prep Batch: 46177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-46177/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 46260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4092-1	TP-1	Total/NA	Solid	8021B	46275
890-4092-2	TP-1	Total/NA	Solid	8021B	46275
890-4092-3	TP-1	Total/NA	Solid	8021B	46275
MB 880-46177/5-A	Method Blank	Total/NA	Solid	8021B	46177
MB 880-46275/5-A	Method Blank	Total/NA	Solid	8021B	46275
LCS 880-46275/1-A	Lab Control Sample	Total/NA	Solid	8021B	46275
LCSD 880-46275/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	46275
880-24313-A-4-C MS	Matrix Spike	Total/NA	Solid	8021B	46275
880-24313-A-4-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	46275

Prep Batch: 46275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4092-1	TP-1	Total/NA	Solid	5035	
890-4092-2	TP-1	Total/NA	Solid	5035	
890-4092-3	TP-1	Total/NA	Solid	5035	
MB 880-46275/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-46275/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-46275/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-24313-A-4-C MS	Matrix Spike	Total/NA	Solid	5035	
880-24313-A-4-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 46384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4092-1	TP-1	Total/NA	Solid	Total BTEX	
890-4092-2	TP-1	Total/NA	Solid	Total BTEX	
890-4092-3	TP-1	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 46351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4092-1	TP-1	Total/NA	Solid	8015B NM	46370
890-4092-2	TP-1	Total/NA	Solid	8015B NM	46370
890-4092-3	TP-1	Total/NA	Solid	8015B NM	46370
MB 880-46370/1-A	Method Blank	Total/NA	Solid	8015B NM	46370
LCS 880-46370/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	46370
LCSD 880-46370/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	46370
880-24624-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	46370
880-24624-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	46370

Prep Batch: 46370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4092-1	TP-1	Total/NA	Solid	8015NM Prep	
890-4092-2	TP-1	Total/NA	Solid	8015NM Prep	
890-4092-3	TP-1	Total/NA	Solid	8015NM Prep	
MB 880-46370/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-46370/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25

Job ID: 890-4092-1
SDG: 226700

GC Semi VOA (Continued)

Prep Batch: 46370 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-46370/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-24624-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-24624-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 46441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4092-1	TP-1	Total/NA	Solid	8015 NM	
890-4092-2	TP-1	Total/NA	Solid	8015 NM	
890-4092-3	TP-1	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 46340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4092-1	TP-1	Soluble	Solid	DI Leach	
890-4092-2	TP-1	Soluble	Solid	DI Leach	
890-4092-3	TP-1	Soluble	Solid	DI Leach	
MB 880-46340/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-46340/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-46340/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-4082-A-31-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-4082-A-31-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 46411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4092-1	TP-1	Soluble	Solid	300.0	46340
890-4092-2	TP-1	Soluble	Solid	300.0	46340
890-4092-3	TP-1	Soluble	Solid	300.0	46340
MB 880-46340/1-A	Method Blank	Soluble	Solid	300.0	46340
LCS 880-46340/2-A	Lab Control Sample	Soluble	Solid	300.0	46340
LCSD 880-46340/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	46340
890-4082-A-31-B MS	Matrix Spike	Soluble	Solid	300.0	46340
890-4082-A-31-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	46340

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25

Job ID: 890-4092-1
SDG: 226700

Client Sample ID: TP-1
Date Collected: 02/13/23 12:00
Date Received: 02/13/23 12:27

Lab Sample ID: 890-4092-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	46275	02/14/23 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46260	02/14/23 23:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46384	02/15/23 09:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46441	02/15/23 15:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	46370	02/15/23 08:44	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46351	02/15/23 13:23	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	46340	02/14/23 16:29	KS	EET MID
Soluble	Analysis	300.0		5			46411	02/15/23 13:25	CH	EET MID

Client Sample ID: TP-1
Date Collected: 02/13/23 12:00
Date Received: 02/13/23 12:27

Lab Sample ID: 890-4092-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	46275	02/14/23 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46260	02/14/23 23:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46384	02/15/23 09:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46441	02/15/23 15:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	46370	02/15/23 08:44	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46351	02/15/23 13:45	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	46340	02/14/23 16:29	KS	EET MID
Soluble	Analysis	300.0		5			46411	02/15/23 13:30	CH	EET MID

Client Sample ID: TP-1
Date Collected: 02/13/23 12:00
Date Received: 02/13/23 12:27

Lab Sample ID: 890-4092-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	46275	02/14/23 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	46260	02/15/23 02:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			46384	02/15/23 09:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			46441	02/15/23 15:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	46370	02/15/23 08:44	SM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	46351	02/15/23 14:06	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	46340	02/14/23 16:29	KS	EET MID
Soluble	Analysis	300.0		1			46411	02/15/23 13:35	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Diamondback 24-25

Job ID: 890-4092-1
SDG: 226700

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

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

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

Method Summary

Client: NT Global
Project/Site: Diamondback 24-25

Job ID: 890-4092-1
SDG: 226700

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: Diamondback 24-25

Job ID: 890-4092-1
SDG: 226700

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-4092-1	TP-1	Solid	02/13/23 12:00	02/13/23 12:27	6'
890-4092-2	TP-1	Solid	02/13/23 12:00	02/13/23 12:27	8'
890-4092-3	TP-1	Solid	02/13/23 12:00	02/13/23 12:27	10'

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Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: _____

www.xenco.com Page 1 of 1

Project Manager:	Becky Haskell	Bill to: (if different)	
Company Name:	NTGE	Company Name:	
Address:	402 E Wood Ave.	Address:	
City, State ZIP:	Carlsbad NM 88220	City, State ZIP:	
Phone:	432-766-K918	Email:	

Work Order Comments

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

Project Name:	Diamondback 24-25	Turn Around	
Project Number:	226700	☐ Routine ☑ Rush	
Project Location:	Lea Co, NM	Due Date:	48hr
Sampler's Name:	Kenny Ham	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Samples Received Intact:	(Yes) No	Thermometer ID:	TAM-007
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	18.2
Total Containers:		Corrected Temperature:	18.0

Sample Identification		Matrix	Date Sampled	Time Sampled	Depth	Grab/ Comp	# of Cont	BTEX	TPH	Chlorides
TP-1	6'		2/13			G	1			
TP-1	8'		↓			↓	↓			
TP-1	10		↓			↓	↓			

Parameters

ANALYSIS REQUEST

890-4092 Chain of Custody

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2SO_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO_2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U Hg: 1631 / 245.1 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date: 08/25/2020 Rev. 2020.2

Received by OCD: 12/17/2024 1:26:22 PM

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2/15/2023

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Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Kramer Jessica	Carrier Tracking No(s):	COC No: 890-1132 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-4092-1
Address: 1211 W Florida Ave	Due Date Requested: 2/15/2023			
City: Midland	TAT Requested (days):			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email:	WO #:			
Project Name: Diamondback 24-25	Project #: 88000222			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A HCL, B - NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F - MeOH, G Amchlor, H - Ascorbic Acid, I Ice, J - DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D/DI_LEACH Chloride	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH GRO-DRO-MRO	8021B/5035FP_Calc BTEX	8015MOD_Calc	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note
			Preservation Code:										
TP-1 (890-4092-1)	2/13/23	12 00 Mountain		Solid			X	X	X	X	X	1	
TP-1 (890-4092-2)	2/13/23	12 00 Mountain		Solid			X	X	X	X	X	1	
TP-1 (890-4092-3)	2/13/23	12 00 Mountain		Solid			X	X	X	X	X	1	

Note. Since laboratory accreditations are subject to change Eurofins Environment Testing South Central LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank. 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

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2/15/2023
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Released to Imaging: 4/2/2025 11:15:09 AM

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-4092-1
SDG Number: 226700

Login Number: 4092
List Number: 1
Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-4092-1
SDG Number: 226700

Login Number: 4092
List Number: 2
Creator: Teel, Brianna

List Source: Eurofins Midland
List Creation: 02/14/23 12:17 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Becky Haskell
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Generated 3/20/2023 3:57:54 PM

JOB DESCRIPTION

Diamondback 24-25 CTB
SDG NUMBER Lea County

JOB NUMBER

890-4250-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 4/2/2025 11:15:09 AM

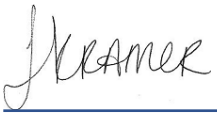
my EOL

Eurofins Carlsbad

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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3/20/2023 3:57:54 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Laboratory Job ID: 890-4250-1
SDG: Lea County

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Definitions/Glossary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4250-1
SDG: Lea County

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4250-1
SDG: Lea County

Job ID: 890-4250-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-4250-1

Receipt
The samples were received on 3/7/2023 4:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.0°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: SW-1 (0-5') (890-4250-1) and S-1 (5') (890-4250-2).

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-48740 and analytical batch 880-48800 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: An incorrect volume of spiking solution was inadvertently added to the laboratory control sample (LCSD) associated with preparation batch 880-48740 and analytical batch 880-48800. Percent recoveries are based on the amount spiked.

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW-1 (0-5') (890-4250-1), S-1 (5') (890-4250-2), (LCS 880-48740/1-A), (LCSD 880-48740/2-A), (MB 880-48731/5-A) and (MB 880-48740/5-A). Evidence of matrix interferences is not obvious.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: SW-1 (0-5') (890-4250-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-48252 and analytical batch 880-48274 was outside the upper control limits.

Method 8015MOD_NM: The method blank for preparation batch 880-48252 and analytical batch 880-48274 contained OII Range Organics (Over C28-C36) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-48252 and analytical batch 880-48274 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4250-1
SDG: Lea County

Client Sample ID: SW-1 (0-5')

Lab Sample ID: 890-4250-1
Matrix: Solid
Date Collected: 03/07/23 00:00
Date Received: 03/07/23 16:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.62	*- *1	0.199		mg/Kg		03/16/23 12:01	03/18/23 16:11	100
Toluene	29.8	*- *1	0.199		mg/Kg		03/16/23 12:01	03/18/23 16:11	100
Ethylbenzene	19.1	*- *1	0.199		mg/Kg		03/16/23 12:01	03/18/23 16:11	100
m-Xylene & p-Xylene	77.1		0.802		mg/Kg		03/20/23 08:52	03/20/23 15:17	200
o-Xylene	34.9	*- *1	0.199		mg/Kg		03/16/23 12:01	03/18/23 16:11	100
Xylenes, Total	110		0.802		mg/Kg		03/20/23 08:52	03/20/23 15:17	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*327*	*S1+*	*70 - 130*	*03/16/23 12:01*	*03/18/23 16:11*	*100*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*03/16/23 12:01*	*03/18/23 16:11*	*100*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	164		0.802		mg/Kg			03/20/23 16:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	13400		250		mg/Kg			03/13/23 16:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2580		250		mg/Kg		03/09/23 15:59	03/10/23 18:39	5
Diesel Range Organics (Over C10-C28)	9580		250		mg/Kg		03/09/23 15:59	03/10/23 18:39	5
Oil Range Organics (Over C28-C36)	1200		250		mg/Kg		03/09/23 15:59	03/10/23 18:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*190*	*S1+*	*70 - 130*	*03/09/23 15:59*	*03/10/23 18:39*	*5*
o-Terphenyl	*175*	*S1+*	*70 - 130*	*03/09/23 15:59*	*03/10/23 18:39*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1060		4.99		mg/Kg			03/10/23 00:29	1

Client Sample ID: S-1 (5')

Lab Sample ID: 890-4250-2
Matrix: Solid
Date Collected: 03/07/23 00:00
Date Received: 03/07/23 16:30

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.372	*- *1	0.201		mg/Kg		03/16/23 12:01	03/18/23 16:31	100
Toluene	26.8	*- *1	0.201		mg/Kg		03/16/23 12:01	03/18/23 16:31	100
Ethylbenzene	24.3	*- *1	0.201		mg/Kg		03/16/23 12:01	03/18/23 16:31	100
m-Xylene & p-Xylene	32.0	*- *1	0.402		mg/Kg		03/16/23 12:01	03/18/23 16:31	100
o-Xylene	14.1	*- *1	0.201		mg/Kg		03/16/23 12:01	03/18/23 16:31	100
Xylenes, Total	46.1	*- *1	0.402		mg/Kg		03/16/23 12:01	03/18/23 16:31	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*222*	*S1+*	*70 - 130*	*03/16/23 12:01*	*03/18/23 16:31*	*100*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*03/16/23 12:01*	*03/18/23 16:31*	*100*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4250-1
SDG: Lea County

Client Sample ID: S-1 (5')

Date Collected: 03/07/23 00:00
Date Received: 03/07/23 16:30

Lab Sample ID: 890-4250-2

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	97.6		0.402		mg/Kg			03/20/23 16:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	8330		250		mg/Kg			03/13/23 16:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1740		250		mg/Kg		03/09/23 15:59	03/10/23 19:00	5
Diesel Range Organics (Over C10-C28)	5850		250		mg/Kg		03/09/23 15:59	03/10/23 19:00	5
Oil Range Organics (Over C28-C36)	744		250		mg/Kg		03/09/23 15:59	03/10/23 19:00	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*03/09/23 15:59*	*03/10/23 19:00*	*5*
o-Terphenyl	*120*		*70 - 130*	*03/09/23 15:59*	*03/10/23 19:00*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4200		24.8		mg/Kg			03/10/23 00:36	5

Surrogate Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4250-1
SDG: Lea County

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)										
880-25738-A-3-F MS	Matrix Spike	109	94										
880-25738-A-3-G MSD	Matrix Spike Duplicate	115	82										
880-25807-A-1-E MS	Matrix Spike	91	108										
880-25807-A-1-F MSD	Matrix Spike Duplicate	93	94										
890-4250-1	SW-1 (0-5')	327 S1+	93										
890-4250-2	S-1 (5')	222 S1+	106										
LCS 880-48740/1-A	Lab Control Sample	131 S1+	108										
LCS 880-48951/1-A	Lab Control Sample	85	91										
LCSD 880-48740/2-A	Lab Control Sample Dup	62 S1-	96										
LCSD 880-48951/2-A	Lab Control Sample Dup	83	109										
MB 880-48731/5-A	Method Blank	70	69 S1-										
MB 880-48740/5-A	Method Blank	69 S1-	91										
MB 880-48951/5-A	Method Blank	72	86										

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)										
890-4249-A-61-B MS	Matrix Spike	115	112										
890-4249-A-61-C MSD	Matrix Spike Duplicate	111	107										
890-4250-1	SW-1 (0-5')	190 S1+	175 S1+										
890-4250-2	S-1 (5')	121	120										
LCS 880-48252/2-A	Lab Control Sample	87	98										
LCSD 880-48252/3-A	Lab Control Sample Dup	87	98										
MB 880-48252/1-A	Method Blank	117	132 S1+										

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4250-1
SDG: Lea County

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-48731/5-A
Matrix: Solid
Analysis Batch: 48800

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 48731

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/16/23 09:56	03/17/23 21:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/16/23 09:56	03/17/23 21:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/23 09:56	03/17/23 21:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/16/23 09:56	03/17/23 21:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/23 09:56	03/17/23 21:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/16/23 09:56	03/17/23 21:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*70*		*70 - 130*	*03/16/23 09:56*	*03/17/23 21:51*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*03/16/23 09:56*	*03/17/23 21:51*	*1*

Lab Sample ID: MB 880-48740/5-A
Matrix: Solid
Analysis Batch: 48800

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 48740

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/16/23 12:01	03/18/23 08:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/16/23 12:01	03/18/23 08:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/16/23 12:01	03/18/23 08:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/16/23 12:01	03/18/23 08:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/16/23 12:01	03/18/23 08:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/16/23 12:01	03/18/23 08:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*03/16/23 12:01*	*03/18/23 08:27*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*03/16/23 12:01*	*03/18/23 08:27*	*1*

Lab Sample ID: LCS 880-48740/1-A
Matrix: Solid
Analysis Batch: 48800

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 48740

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08751		mg/Kg		88	70 - 130
Toluene	0.100	0.09755		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1139		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	0.200	0.2520		mg/Kg		126	70 - 130
o-Xylene	0.100	0.1267		mg/Kg		127	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-48740/2-A
Matrix: Solid
Analysis Batch: 48800

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 48740

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.05980	*- *1	mg/Kg		60	70 - 130	38	35

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4250-1
SDG: Lea County

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

Lab Sample ID: LCSD 880-48740/2-A
Matrix: Solid
Analysis Batch: 48800

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 48740

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.06203	*- *1	mg/Kg		62	70 - 130	45	35
Ethylbenzene			0.100	0.05644	*- *1	mg/Kg		56	70 - 130	67	35
m-Xylene & p-Xylene			0.200	0.1076	*- *1	mg/Kg		54	70 - 130	80	35
o-Xylene			0.100	0.05384	*- *1	mg/Kg		54	70 - 130	81	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*62*	*S1-*	*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-25807-A-1-E MS
Matrix: Solid
Analysis Batch: 48800

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 48740

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U *- *1 F1 F2	0.0998	0.09173		mg/Kg		92	70 - 130
Toluene	<0.00200	U *- *1 F1 F2	0.0998	0.07307		mg/Kg		73	70 - 130
Ethylbenzene	<0.00200	U *- *1 F1 F2	0.0998	0.05250	F1	mg/Kg		53	70 - 130
m-Xylene & p-Xylene	<0.00399	U *- *1 F1 F2	0.200	0.1293	F1	mg/Kg		65	70 - 130
o-Xylene	<0.00200	U *- *1 F1 F2	0.0998	0.07177		mg/Kg		72	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: 880-25807-A-1-F MSD
Matrix: Solid
Analysis Batch: 48800

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 48740

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U *- *1 F1 F2	0.0990	0.03238	F1 F2	mg/Kg		33	70 - 130	96	35
Toluene	<0.00200	U *- *1 F1 F2	0.0990	0.03239	F1 F2	mg/Kg		33	70 - 130	77	35
Ethylbenzene	<0.00200	U *- *1 F1 F2	0.0990	0.02410	F1 F2	mg/Kg		24	70 - 130	74	35
m-Xylene & p-Xylene	<0.00399	U *- *1 F1 F2	0.198	0.05828	F1 F2	mg/Kg		29	70 - 130	76	35
o-Xylene	<0.00200	U *- *1 F1 F2	0.0990	0.03968	F1 F2	mg/Kg		40	70 - 130	58	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4250-1
SDG: Lea County

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

Lab Sample ID: MB 880-48951/5-A
Matrix: Solid
Analysis Batch: 48949

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 48951

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/23 08:52	03/20/23 12:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/23 08:52	03/20/23 12:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/23 08:52	03/20/23 12:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/20/23 08:52	03/20/23 12:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/23 08:52	03/20/23 12:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/20/23 08:52	03/20/23 12:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*70 - 130*	*03/20/23 08:52*	*03/20/23 12:12*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*03/20/23 08:52*	*03/20/23 12:12*	*1*

Lab Sample ID: LCS 880-48951/1-A
Matrix: Solid
Analysis Batch: 48949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 48951

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1036		mg/Kg		104	70 - 130
Toluene	0.100	0.1035		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.09340		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1942		mg/Kg		97	70 - 130
o-Xylene	0.100	0.09432		mg/Kg		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 880-48951/2-A
Matrix: Solid
Analysis Batch: 48949

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 48951

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1160		mg/Kg		116	70 - 130	11	35
Toluene	0.100	0.09918		mg/Kg		99	70 - 130	4	35
Ethylbenzene	0.100	0.08763		mg/Kg		88	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1829		mg/Kg		91	70 - 130	6	35
o-Xylene	0.100	0.08907		mg/Kg		89	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-25738-A-3-F MS
Matrix: Solid
Analysis Batch: 48949

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 48951

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.0998	0.08500		mg/Kg		85	70 - 130
Toluene	<0.00198	U	0.0998	0.08669		mg/Kg		87	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4250-1
SDG: Lea County

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

Lab Sample ID: 880-25738-A-3-F MS
Matrix: Solid
Analysis Batch: 48949

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 48951

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00198	U	0.0998	0.08637		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.200	0.1844		mg/Kg		92	70 - 130
o-Xylene	<0.00198	U	0.0998	0.08950		mg/Kg		89	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-25738-A-3-G MSD
Matrix: Solid
Analysis Batch: 48949

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 48951

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.09692		mg/Kg		97	70 - 130	13	35
Toluene	<0.00198	U	0.100	0.09739		mg/Kg		97	70 - 130	12	35
Ethylbenzene	<0.00198	U	0.100	0.09262		mg/Kg		92	70 - 130	7	35
m-Xylene & p-Xylene	<0.00396	U	0.201	0.2046		mg/Kg		102	70 - 130	10	35
o-Xylene	<0.00198	U	0.100	0.1048		mg/Kg		104	70 - 130	16	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*

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

Lab Sample ID: MB 880-48252/1-A
Matrix: Solid
Analysis Batch: 48274

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 48252

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/09/23 15:58	03/10/23 08:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/09/23 15:58	03/10/23 08:23	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/09/23 15:58	03/10/23 08:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*03/09/23 15:58*	*03/10/23 08:23*	*1*
o-Terphenyl	*132*	*S1+*	*70 - 130*	*03/09/23 15:58*	*03/10/23 08:23*	*1*

Lab Sample ID: LCS 880-48252/2-A
Matrix: Solid
Analysis Batch: 48274

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 48252

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1046		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	771.2		mg/Kg		77	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4250-1
SDG: Lea County

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

Lab Sample ID: LCS 880-48252/2-A
Matrix: Solid
Analysis Batch: 48274

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 48252

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: LCSD 880-48252/3-A
Matrix: Solid
Analysis Batch: 48274

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 48252

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1029		mg/Kg		103	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	756.2		mg/Kg		76	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	87		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: 890-4249-A-61-B MS
Matrix: Solid
Analysis Batch: 48274

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 48252

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	168		1000	1162		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	2110	F1	1000	2544	F1	mg/Kg		44	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	115		70 - 130
o-Terphenyl	112		70 - 130

Lab Sample ID: 890-4249-A-61-C MSD
Matrix: Solid
Analysis Batch: 48274

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 48252

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	168		1000	1139		mg/Kg		97	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	2110	F1	1000	2356	F1	mg/Kg		25	70 - 130	8	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	107		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4250-1
SDG: Lea County

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-48204/1-A
Matrix: Solid
Analysis Batch: 48263

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/09/23 22:51	1

Lab Sample ID: LCS 880-48204/2-A
Matrix: Solid
Analysis Batch: 48263

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	253.2		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-48204/3-A
Matrix: Solid
Analysis Batch: 48263

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	253.2		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 890-4250-2 MS
Matrix: Solid
Analysis Batch: 48263

Client Sample ID: S-1 (5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	4200		1240	5347		mg/Kg		93	90 - 110		

Lab Sample ID: 890-4250-2 MSD
Matrix: Solid
Analysis Batch: 48263

Client Sample ID: S-1 (5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4200		1240	5352		mg/Kg		93	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4250-1
SDG: Lea County

GC VOA

Prep Batch: 48731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-48731/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 48740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4250-1	SW-1 (0-5')	Total/NA	Solid	5035	
890-4250-2	S-1 (5')	Total/NA	Solid	5035	
MB 880-48740/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-48740/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-48740/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-25807-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-25807-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 48800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4250-1	SW-1 (0-5')	Total/NA	Solid	8021B	48740
890-4250-2	S-1 (5')	Total/NA	Solid	8021B	48740
MB 880-48731/5-A	Method Blank	Total/NA	Solid	8021B	48731
MB 880-48740/5-A	Method Blank	Total/NA	Solid	8021B	48740
LCS 880-48740/1-A	Lab Control Sample	Total/NA	Solid	8021B	48740
LCSD 880-48740/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	48740
880-25807-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	48740
880-25807-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	48740

Analysis Batch: 48949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4250-1	SW-1 (0-5')	Total/NA	Solid	8021B	48951
MB 880-48951/5-A	Method Blank	Total/NA	Solid	8021B	48951
LCS 880-48951/1-A	Lab Control Sample	Total/NA	Solid	8021B	48951
LCSD 880-48951/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	48951
880-25738-A-3-F MS	Matrix Spike	Total/NA	Solid	8021B	48951
880-25738-A-3-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	48951

Prep Batch: 48951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4250-1	SW-1 (0-5')	Total/NA	Solid	5035	
MB 880-48951/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-48951/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-48951/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-25738-A-3-F MS	Matrix Spike	Total/NA	Solid	5035	
880-25738-A-3-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 49039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4250-1	SW-1 (0-5')	Total/NA	Solid	Total BTEX	
890-4250-2	S-1 (5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 48252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4250-1	SW-1 (0-5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4250-1
SDG: Lea County

GC Semi VOA (Continued)

Prep Batch: 48252 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4250-2	S-1 (5')	Total/NA	Solid	8015NM Prep	
MB 880-48252/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-48252/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-48252/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-4249-A-61-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-4249-A-61-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 48274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4250-1	SW-1 (0-5')	Total/NA	Solid	8015B NM	48252
890-4250-2	S-1 (5')	Total/NA	Solid	8015B NM	48252
MB 880-48252/1-A	Method Blank	Total/NA	Solid	8015B NM	48252
LCS 880-48252/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	48252
LCSD 880-48252/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	48252
890-4249-A-61-B MS	Matrix Spike	Total/NA	Solid	8015B NM	48252
890-4249-A-61-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	48252

Analysis Batch: 48529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4250-1	SW-1 (0-5')	Total/NA	Solid	8015 NM	
890-4250-2	S-1 (5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 48204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4250-1	SW-1 (0-5')	Soluble	Solid	DI Leach	
890-4250-2	S-1 (5')	Soluble	Solid	DI Leach	
MB 880-48204/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-48204/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-48204/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-4250-2 MS	S-1 (5')	Soluble	Solid	DI Leach	
890-4250-2 MSD	S-1 (5')	Soluble	Solid	DI Leach	

Analysis Batch: 48263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4250-1	SW-1 (0-5')	Soluble	Solid	300.0	48204
890-4250-2	S-1 (5')	Soluble	Solid	300.0	48204
MB 880-48204/1-A	Method Blank	Soluble	Solid	300.0	48204
LCS 880-48204/2-A	Lab Control Sample	Soluble	Solid	300.0	48204
LCSD 880-48204/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	48204
890-4250-2 MS	S-1 (5')	Soluble	Solid	300.0	48204
890-4250-2 MSD	S-1 (5')	Soluble	Solid	300.0	48204

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4250-1
SDG: Lea County

Client Sample ID: SW-1 (0-5')

Lab Sample ID: 890-4250-1
Matrix: Solid
Date Collected: 03/07/23 00:00
Date Received: 03/07/23 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	48740	03/16/23 12:01	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	48800	03/18/23 16:11	MNR	EET MID
Total/NA	Prep	5035			4.99 g	5 mL	48951	03/20/23 08:52	MNR	EET MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	48949	03/20/23 15:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49039	03/20/23 16:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			48529	03/13/23 16:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	48252	03/09/23 15:59	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	48274	03/10/23 18:39	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	48204	03/09/23 11:30	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	48263	03/10/23 00:29	CH	EET MID

Client Sample ID: S-1 (5')

Lab Sample ID: 890-4250-2
Matrix: Solid
Date Collected: 03/07/23 00:00
Date Received: 03/07/23 16:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	48740	03/16/23 12:01	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	48800	03/18/23 16:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49039	03/20/23 16:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			48529	03/13/23 16:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	48252	03/09/23 15:59	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	48274	03/10/23 19:00	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	48204	03/09/23 11:30	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	48263	03/10/23 00:36	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4250-1
SDG: Lea County

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

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

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

Method Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4250-1
SDG: Lea County

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4250-1
SDG: Lea County

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-4250-1	SW-1 (0-5')	Solid	03/07/23 00:00	03/07/23 16:30
890-4250-2	S-1 (5')	Solid	03/07/23 00:00	03/07/23 16:30

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

3/20/2023

Page 1 of 1

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level I☐ PST/U☐ TR☐P Le☐el

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County	Due Date:	
Sampler's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:	TWm007	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	4.2	
Total Containers:	2	Corrected Temperature:	4.0	

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD
SW-1 (0-5')	3/7/2023		x		Grab/	1		x	x	x	
S-1 (5')	3/7/2023		x		Grab/	1		x	x	x	

Parameters

890-4250 Chain of Custody

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Sample Comments

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Tyler Kimball	Clare Gray	3-7-23 1630	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

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Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-4250-1
SDG Number: Lea County

Login Number: 4250
List Number: 1
Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	N/A	Refer to Job Narrative for details.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-4250-1
SDG Number: Lea County

Login Number: 4250
List Number: 2
Creator: Johnson, Allison

List Source: Eurofins Midland
List Creation: 03/09/23 04:01 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Becky Haskell
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Generated 3/26/2023 7:48:57 AM

JOB DESCRIPTION

Diamondback 24-25 CTB
SDG NUMBER 226700

JOB NUMBER

890-4288-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

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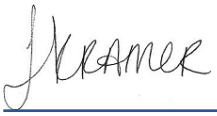
my EOL

Eurofins Carlsbad

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Definitions/Glossary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Qualifiers

GC VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Job ID: 890-4288-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-4288-1

Receipt
The samples were received on 3/10/2023 3:55 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-2 (1-1.5) (890-4288-1), S-2 (2-2.5) (890-4288-2), S-2 (3-3.5) (890-4288-3), S-2 (4-4.5) (890-4288-4), S-3 (1-1.5) (890-4288-5), S-3 (2-2.5) (890-4288-6), S-3 (3-3.5) (890-4288-7), S-3 (4-4.5) (890-4288-8), S-4 (1-1.5) (890-4288-9), S-4 (2-2.5) (890-4288-10), S-4 (3-3.5) (890-4288-11), S-4 (4-4.5) (890-4288-12), S-5 (1-1.5) (890-4288-13), S-5 (2-2.5) (890-4288-14), S-5 (3-3.5) (890-4288-15), S-5 (4-4.5) (890-4288-16), S-6 (1-1.5) (890-4288-17), S-6 (2-2.5) (890-4288-18), S-6 (3-3.5) (890-4288-19), S-6 (4-4.5) (890-4288-20), S-7 (1-1.5) (890-4288-21), S-7 (2-2.5) (890-4288-22), S-7 (3-3.5) (890-4288-23), S-7 (4-4.5) (890-4288-24), S-8 (1-1.5) (890-4288-25), S-8 (2-2.5) (890-4288-26), S-8 (3-3.5) (890-4288-27), S-8 (4-4.5) (890-4288-28), S-9 (1-1.5) (890-4288-29), S-9 (2-2.5) (890-4288-30), S-9 (3-3.5) (890-4288-31), S-9 (4-4.5) (890-4288-32), S-10 (1-1.5) (890-4288-33), S-10 (2-2.5) (890-4288-34), S-10 (3-3.5) (890-4288-35), S-10 (4-4.5) (890-4288-36), S-11 (1-1.5) (890-4288-37), S-11 (2-2.5) (890-4288-38), S-11 (3-3.5) (890-4288-39), S-11 (4-4.5) (890-4288-40), S-12 (1-1.5) (890-4288-41), S-12 (2-2.5) (890-4288-42), S-12 (3-3.5) (890-4288-43), S-12 (4-4.5) (890-4288-44), S-13 (1-1.5) (890-4288-45), S-13 (2-2.5) (890-4288-46), S-13 (3-3.5) (890-4288-47), S-13 (4-4.5) (890-4288-48), S-14 (1-1.5) (890-4288-49), S-14 (2-2.5) (890-4288-50), S-14 (3-3.5) (890-4288-51), S-14 (4-4.5) (890-4288-52), S-15 (1-1.5) (890-4288-53), S-15 (2-2.5) (890-4288-54), S-15 (3-3.5) (890-4288-55) and S-15 (4-4.5) (890-4288-56).

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: S-15 (2-2.5) (890-4288-54). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-49035 and analytical batch 880-49106 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-7 (1-1.5) (890-4288-21), S-7 (4-4.5) (890-4288-24), S-8 (1-1.5) (890-4288-25), S-8 (2-2.5) (890-4288-26), S-8 (3-3.5) (890-4288-27), S-8 (4-4.5) (890-4288-28), S-9 (1-1.5) (890-4288-29), S-9 (2-2.5) (890-4288-30), S-9 (3-3.5) (890-4288-31), S-9 (4-4.5) (890-4288-32), S-10 (1-1.5) (890-4288-33), S-10 (2-2.5) (890-4288-34), S-10 (3-3.5) (890-4288-35) and S-11 (1-1.5) (890-4288-37). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-49036 and analytical batch 880-49162 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCSD 880-49192/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-8 (1-1.5) (890-4288-25), S-8 (2-2.5) (890-4288-26), S-8 (3-3.5) (890-4288-27) and S-10 (2-2.5) (890-4288-34). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Reporting Limit - Estimated; Outside Calibration Range : The reporting limit provided for the following analyte(s) falls below the laboratory's lowest calibration standard: m-Xylene & p-Xylene and o-Xylene<RL>. Results reported below the lowest calibration standard are estimated.

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

Case Narrative

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Job ID: 890-4288-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-8 (1-1.5) (890-4288-25), S-8 (2-2.5) (890-4288-26), S-8 (3-3.5) (890-4288-27) and S-9 (1-1.5) (890-4288-29). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-9 (2-2.5) (890-4288-30), S-9 (3-3.5) (890-4288-31) and S-9 (4-4.5) (890-4288-32). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-48600 and analytical batch 880-48815 was outside control limits. Sample non-homogeneity is suspected.

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

HPLC/IC

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

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Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-2 (1-1.5)

Lab Sample ID: 890-4288-1
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 03:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 03:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 03:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/23 16:09	03/22/23 03:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 03:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/23 16:09	03/22/23 03:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*03/20/23 16:09*	*03/22/23 03:21*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/20/23 16:09*	*03/22/23 03:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	49.9		mg/Kg		03/14/23 12:25	03/17/23 11:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 12:25	03/17/23 11:06	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:25	03/17/23 11:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*03/14/23 12:25*	*03/17/23 11:06*	*1*
o-Terphenyl	*88*		*70 - 130*	*03/14/23 12:25*	*03/17/23 11:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**188**		5.01		mg/Kg			03/20/23 09:54	1

Client Sample ID: S-2 (2-2.5)

Lab Sample ID: 890-4288-2
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:09	03/22/23 03:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:09	03/22/23 03:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:09	03/22/23 03:42	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/20/23 16:09	03/22/23 03:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:09	03/22/23 03:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/20/23 16:09	03/22/23 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/20/23 16:09*	*03/22/23 03:42*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*03/20/23 16:09*	*03/22/23 03:42*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-2 (2-2.5)

Lab Sample ID: 890-4288-2
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 12:25	03/17/23 12:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/14/23 12:25	03/17/23 12:14	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 12:25	03/17/23 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*77*		*70 - 130*	*03/14/23 12:25*	*03/17/23 12:14*	*1*
o-Terphenyl	*71*		*70 - 130*	*03/14/23 12:25*	*03/17/23 12:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.8**		5.00		mg/Kg			03/20/23 10:08	1

Client Sample ID: S-2 (3-3.5)

Lab Sample ID: 890-4288-3
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:09	03/22/23 04:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:09	03/22/23 04:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:09	03/22/23 04:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/20/23 16:09	03/22/23 04:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:09	03/22/23 04:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/20/23 16:09	03/22/23 04:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*03/20/23 16:09*	*03/22/23 04:03*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*03/20/23 16:09*	*03/22/23 04:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:25	03/17/23 12:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 12:25	03/17/23 12:36	1

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Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-2 (3-3.5)

Lab Sample ID: 890-4288-3
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:25	03/17/23 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*03/14/23 12:25*	*03/17/23 12:36*	*1*
o-Terphenyl	*88*		*70 - 130*	*03/14/23 12:25*	*03/17/23 12:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.5**		4.99		mg/Kg			03/20/23 10:13	1

Client Sample ID: S-2 (4-4.5)

Lab Sample ID: 890-4288-4
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:09	03/22/23 06:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:09	03/22/23 06:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:09	03/22/23 06:10	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/20/23 16:09	03/22/23 06:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:09	03/22/23 06:10	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/20/23 16:09	03/22/23 06:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*03/20/23 16:09*	*03/22/23 06:10*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*03/20/23 16:09*	*03/22/23 06:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**93.9**		49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:25	03/17/23 12:57	1
Diesel Range Organics (Over C10-C28)	**93.9**		49.9		mg/Kg		03/14/23 12:25	03/17/23 12:57	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:25	03/17/23 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*03/14/23 12:25*	*03/17/23 12:57*	*1*
o-Terphenyl	*99*		*70 - 130*	*03/14/23 12:25*	*03/17/23 12:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**42.3**		4.95		mg/Kg			03/20/23 10:18	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-3 (1-1.5)

Lab Sample ID: 890-4288-5
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 06:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 06:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 06:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/23 16:09	03/22/23 06:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 06:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/23 16:09	03/22/23 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*03/20/23 16:09*	*03/22/23 06:31*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/20/23 16:09*	*03/22/23 06:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:25	03/17/23 13:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 12:25	03/17/23 13:19	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:25	03/17/23 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*80*		*70 - 130*	*03/14/23 12:25*	*03/17/23 13:19*	*1*
o-Terphenyl	*80*		*70 - 130*	*03/14/23 12:25*	*03/17/23 13:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.8**		5.00		mg/Kg			03/20/23 10:22	1

Client Sample ID: S-3 (2-2.5)

Lab Sample ID: 890-4288-6
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 06:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 06:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 06:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/23 16:09	03/22/23 06:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 06:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/23 16:09	03/22/23 06:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*47*	*S1-*	*70 - 130*	*03/20/23 16:09*	*03/22/23 06:52*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/20/23 16:09*	*03/22/23 06:52*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-3 (2-2.5)

Lab Sample ID: 890-4288-6
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 12:25	03/17/23 13:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/14/23 12:25	03/17/23 13:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 12:25	03/17/23 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*03/14/23 12:25*	*03/17/23 13:41*	*1*
o-Terphenyl	*85*		*70 - 130*	*03/14/23 12:25*	*03/17/23 13:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/20/23 10:37	1

Client Sample ID: S-3 (3-3.5)

Lab Sample ID: 890-4288-7
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:09	03/22/23 07:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:09	03/22/23 07:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:09	03/22/23 07:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/20/23 16:09	03/22/23 07:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:09	03/22/23 07:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/20/23 16:09	03/22/23 07:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*03/20/23 16:09*	*03/22/23 07:13*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*03/20/23 16:09*	*03/22/23 07:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 12:26	03/17/23 14:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/14/23 12:26	03/17/23 14:03	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-3 (3-3.5)

Lab Sample ID: 890-4288-7
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 12:26	03/17/23 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*03/14/23 12:26*	*03/17/23 14:03*	*1*
o-Terphenyl	*88*		*70 - 130*	*03/14/23 12:26*	*03/17/23 14:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		4.96		mg/Kg			03/20/23 10:42	1

Client Sample ID: S-3 (4-4.5)

Lab Sample ID: 890-4288-8
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 07:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 07:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 07:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/23 16:09	03/22/23 07:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 07:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/23 16:09	03/22/23 07:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*03/20/23 16:09*	*03/22/23 07:34*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/20/23 16:09*	*03/22/23 07:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 14:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 14:24	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 14:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*03/14/23 12:26*	*03/17/23 14:24*	*1*
o-Terphenyl	*102*		*70 - 130*	*03/14/23 12:26*	*03/17/23 14:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			03/20/23 10:47	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-4 (1-1.5)

Lab Sample ID: 890-4288-9
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 07:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 07:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 07:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/23 16:09	03/22/23 07:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 07:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/23 16:09	03/22/23 07:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/20/23 16:09*	*03/22/23 07:54*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*03/20/23 16:09*	*03/22/23 07:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 14:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 14:47	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*92*		*70 - 130*	*03/14/23 12:26*	*03/17/23 14:47*	*1*
o-Terphenyl	*89*		*70 - 130*	*03/14/23 12:26*	*03/17/23 14:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**72.6**		5.00		mg/Kg			03/20/23 10:52	1

Client Sample ID: S-4 (2-2.5)

Lab Sample ID: 890-4288-10
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:09	03/22/23 08:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:09	03/22/23 08:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:09	03/22/23 08:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/20/23 16:09	03/22/23 08:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:09	03/22/23 08:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/20/23 16:09	03/22/23 08:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/20/23 16:09*	*03/22/23 08:15*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/20/23 16:09*	*03/22/23 08:15*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-4 (2-2.5)

Lab Sample ID: 890-4288-10
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 15:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 15:09	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*03/14/23 12:26*	*03/17/23 15:09*	*1*
o-Terphenyl	*96*		*70 - 130*	*03/14/23 12:26*	*03/17/23 15:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.53**		4.99		mg/Kg			03/20/23 10:56	1

Client Sample ID: S-4 (3-3.5)

Lab Sample ID: 890-4288-11
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 08:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 08:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 08:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/23 16:09	03/22/23 08:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:09	03/22/23 08:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/23 16:09	03/22/23 08:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*03/20/23 16:09*	*03/22/23 08:36*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/20/23 16:09*	*03/22/23 08:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 15:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 15:53	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-4 (3-3.5)

Lab Sample ID: 890-4288-11
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*82*		*70 - 130*	*03/14/23 12:26*	*03/17/23 15:53*	*1*
o-Terphenyl	*80*		*70 - 130*	*03/14/23 12:26*	*03/17/23 15:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			03/20/23 14:00	1

Client Sample ID: S-4 (4-4.5)

Lab Sample ID: 890-4288-12
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:09	03/22/23 08:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:09	03/22/23 08:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:09	03/22/23 08:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/20/23 16:09	03/22/23 08:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:09	03/22/23 08:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/20/23 16:09	03/22/23 08:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*03/20/23 16:09*	*03/22/23 08:57*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/20/23 16:09*	*03/22/23 08:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 12:26	03/17/23 16:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/14/23 12:26	03/17/23 16:15	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 12:26	03/17/23 16:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*03/14/23 12:26*	*03/17/23 16:15*	*1*
o-Terphenyl	*95*		*70 - 130*	*03/14/23 12:26*	*03/17/23 16:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.1**		5.00		mg/Kg			03/20/23 14:15	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-5 (1-1.5)

Lab Sample ID: 890-4288-13
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:09	03/22/23 09:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:09	03/22/23 09:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:09	03/22/23 09:17	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/20/23 16:09	03/22/23 09:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:09	03/22/23 09:17	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/20/23 16:09	03/22/23 09:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/20/23 16:09*	*03/22/23 09:17*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*03/20/23 16:09*	*03/22/23 09:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**83.5**		50.0		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 12:26	03/17/23 16:38	1
Diesel Range Organics (Over C10-C28)	**83.5**		50.0		mg/Kg		03/14/23 12:26	03/17/23 16:38	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 12:26	03/17/23 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*03/14/23 12:26*	*03/17/23 16:38*	*1*
o-Terphenyl	*92*		*70 - 130*	*03/14/23 12:26*	*03/17/23 16:38*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**860**		4.98		mg/Kg			03/20/23 14:20	1

Client Sample ID: S-5 (2-2.5)

Lab Sample ID: 890-4288-14
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00994	U	0.00994		mg/Kg		03/22/23 13:23	03/23/23 16:35	5
Toluene	<0.00994	U	0.00994		mg/Kg		03/22/23 13:23	03/23/23 16:35	5
Ethylbenzene	<0.00994	U	0.00994		mg/Kg		03/22/23 13:23	03/23/23 16:35	5
m-Xylene & p-Xylene	<0.0199	U	0.0199		mg/Kg		03/22/23 13:23	03/23/23 16:35	5
o-Xylene	<0.00994	U	0.00994		mg/Kg		03/22/23 13:23	03/23/23 16:35	5
Xylenes, Total	<0.0199	U	0.0199		mg/Kg		03/22/23 13:23	03/23/23 16:35	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*03/22/23 13:23*	*03/23/23 16:35*	*5*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/22/23 13:23*	*03/23/23 16:35*	*5*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-5 (2-2.5)

Lab Sample ID: 890-4288-14
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0199	U	0.0199		mg/Kg			03/24/23 08:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 17:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 17:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*03/14/23 12:26*	*03/17/23 17:00*	*1*
o-Terphenyl	*96*		*70 - 130*	*03/14/23 12:26*	*03/17/23 17:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		4.97		mg/Kg			03/20/23 14:34	1

Client Sample ID: S-5 (3-3.5)

Lab Sample ID: 890-4288-15
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:11	03/22/23 13:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:11	03/22/23 13:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:11	03/22/23 13:51	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/20/23 16:11	03/22/23 13:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:11	03/22/23 13:51	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/20/23 16:11	03/22/23 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*03/20/23 16:11*	*03/22/23 13:51*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*03/20/23 16:11*	*03/22/23 13:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 17:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 17:22	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-5 (3-3.5)

Lab Sample ID: 890-4288-15
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*81*		*70 - 130*	*03/14/23 12:26*	*03/17/23 17:22*	*1*
o-Terphenyl	*80*		*70 - 130*	*03/14/23 12:26*	*03/17/23 17:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**167**		4.96		mg/Kg			03/20/23 14:39	1

Client Sample ID: S-5 (4-4.5)

Lab Sample ID: 890-4288-16
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:11	03/22/23 14:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:11	03/22/23 14:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:11	03/22/23 14:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/23 16:11	03/22/23 14:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:11	03/22/23 14:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/23 16:11	03/22/23 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*03/20/23 16:11*	*03/22/23 14:11*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*03/20/23 16:11*	*03/22/23 14:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 12:26	03/17/23 17:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/14/23 12:26	03/17/23 17:44	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 12:26	03/17/23 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*03/14/23 12:26*	*03/17/23 17:44*	*1*
o-Terphenyl	*91*		*70 - 130*	*03/14/23 12:26*	*03/17/23 17:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**128**		5.04		mg/Kg			03/20/23 14:44	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-6 (1-1.5)

Lab Sample ID: 890-4288-17
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/20/23 16:11	03/22/23 14:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/20/23 16:11	03/22/23 14:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/20/23 16:11	03/22/23 14:32	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/20/23 16:11	03/22/23 14:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/20/23 16:11	03/22/23 14:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/20/23 16:11	03/22/23 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/20/23 16:11*	*03/22/23 14:32*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*03/20/23 16:11*	*03/22/23 14:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**101**		49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 18:06	1
Diesel Range Organics (Over C10-C28)	**101**		49.9		mg/Kg		03/14/23 12:26	03/17/23 18:06	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*03/14/23 12:26*	*03/17/23 18:06*	*1*
o-Terphenyl	*95*		*70 - 130*	*03/14/23 12:26*	*03/17/23 18:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**852**		4.98		mg/Kg			03/20/23 14:49	1

Client Sample ID: S-6 (2-2.5)

Lab Sample ID: 890-4288-18
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:11	03/22/23 14:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:11	03/22/23 14:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:11	03/22/23 14:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/20/23 16:11	03/22/23 14:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:11	03/22/23 14:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/20/23 16:11	03/22/23 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*03/20/23 16:11*	*03/22/23 14:53*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*03/20/23 16:11*	*03/22/23 14:53*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-6 (2-2.5)

Lab Sample ID: 890-4288-18
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 18:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 18:28	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*03/14/23 12:26*	*03/17/23 18:28*	*1*
o-Terphenyl	*99*		*70 - 130*	*03/14/23 12:26*	*03/17/23 18:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.6**		4.95		mg/Kg			03/20/23 14:54	1

Client Sample ID: S-6 (3-3.5)

Lab Sample ID: 890-4288-19
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:11	03/22/23 15:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:11	03/22/23 15:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:11	03/22/23 15:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/23 16:11	03/22/23 15:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:11	03/22/23 15:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/23 16:11	03/22/23 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*03/20/23 16:11*	*03/22/23 15:14*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*03/20/23 16:11*	*03/22/23 15:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 12:26	03/17/23 18:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/14/23 12:26	03/17/23 18:50	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-6 (3-3.5)

Lab Sample ID: 890-4288-19
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 12:26	03/17/23 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*03/14/23 12:26*	*03/17/23 18:50*	*1*
o-Terphenyl	*81*		*70 - 130*	*03/14/23 12:26*	*03/17/23 18:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.0**		4.97		mg/Kg			03/20/23 14:59	1

Client Sample ID: S-6 (4-4.5)

Lab Sample ID: 890-4288-20
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:11	03/22/23 15:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:11	03/22/23 15:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:11	03/22/23 15:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/23 16:11	03/22/23 15:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:11	03/22/23 15:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/23 16:11	03/22/23 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*03/20/23 16:11*	*03/22/23 15:34*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/20/23 16:11*	*03/22/23 15:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 19:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 19:12	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:26	03/17/23 19:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*03/14/23 12:26*	*03/17/23 19:12*	*1*
o-Terphenyl	*87*		*70 - 130*	*03/14/23 12:26*	*03/17/23 19:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.83**		4.97		mg/Kg			03/20/23 15:04	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-7 (1-1.5)

Lab Sample ID: 890-4288-21
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0998	U	0.0998		mg/Kg		03/20/23 16:11	03/22/23 16:57	50
Toluene	**2.96**		0.0998		mg/Kg		03/20/23 16:11	03/22/23 16:57	50
Ethylbenzene	**7.68**		0.0998		mg/Kg		03/20/23 16:11	03/22/23 16:57	50
m-Xylene & p-Xylene	**13.5**		0.200		mg/Kg		03/20/23 16:11	03/22/23 16:57	50
o-Xylene	**7.26**		0.0998		mg/Kg		03/20/23 16:11	03/22/23 16:57	50
Xylenes, Total	**20.8**		0.200		mg/Kg		03/20/23 16:11	03/22/23 16:57	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*204*	*S1+*	*70 - 130*	*03/20/23 16:11*	*03/22/23 16:57*	*50*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/20/23 16:11*	*03/22/23 16:57*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**31.4**		0.200		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**6270**		249		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**606**		249		mg/Kg		03/14/23 12:44	03/17/23 14:18	5
Diesel Range Organics (Over C10-C28)	**5660**		249		mg/Kg		03/14/23 12:44	03/17/23 14:18	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		03/14/23 12:44	03/17/23 14:18	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*03/14/23 12:44*	*03/17/23 14:18*	*5*
o-Terphenyl	*114*		*70 - 130*	*03/14/23 12:44*	*03/17/23 14:18*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4580**		49.9		mg/Kg			03/20/23 15:42	10

Client Sample ID: S-7 (2-2.5)

Lab Sample ID: 890-4288-22
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:11	03/22/23 15:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:11	03/22/23 15:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:11	03/22/23 15:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/20/23 16:11	03/22/23 15:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:11	03/22/23 15:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/20/23 16:11	03/22/23 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*03/20/23 16:11*	*03/22/23 15:55*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*03/20/23 16:11*	*03/22/23 15:55*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-7 (2-2.5)

Lab Sample ID: 890-4288-22
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 12:44	03/17/23 12:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/14/23 12:44	03/17/23 12:29	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 12:44	03/17/23 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*03/14/23 12:44*	*03/17/23 12:29*	*1*
o-Terphenyl	*94*		*70 - 130*	*03/14/23 12:44*	*03/17/23 12:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**51.7**		4.95		mg/Kg			03/20/23 15:57	1

Client Sample ID: S-7 (3-3.5)

Lab Sample ID: 890-4288-23
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:11	03/22/23 16:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:11	03/22/23 16:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:11	03/22/23 16:16	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/20/23 16:11	03/22/23 16:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:11	03/22/23 16:16	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/20/23 16:11	03/22/23 16:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*03/20/23 16:11*	*03/22/23 16:16*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*03/20/23 16:11*	*03/22/23 16:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:44	03/17/23 13:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 12:44	03/17/23 13:35	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-7 (3-3.5)

Lab Sample ID: 890-4288-23
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:44	03/17/23 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*03/14/23 12:44*	*03/17/23 13:35*	*1*
o-Terphenyl	*77*		*70 - 130*	*03/14/23 12:44*	*03/17/23 13:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.4**		5.01		mg/Kg			03/20/23 16:02	1

Client Sample ID: S-7 (4-4.5)

Lab Sample ID: 890-4288-24
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:11	03/22/23 18:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:11	03/22/23 18:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:11	03/22/23 18:21	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/20/23 16:11	03/22/23 18:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:11	03/22/23 18:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/20/23 16:11	03/22/23 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*03/20/23 16:11*	*03/22/23 18:21*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*03/20/23 16:11*	*03/22/23 18:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:44	03/17/23 13:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 12:44	03/17/23 13:57	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:44	03/17/23 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*111*		*70 - 130*	*03/14/23 12:44*	*03/17/23 13:57*	*1*
o-Terphenyl	*96*		*70 - 130*	*03/14/23 12:44*	*03/17/23 13:57*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.1**		4.97		mg/Kg			03/20/23 16:07	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-8 (1-1.5)

Lab Sample ID: 890-4288-25
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0498	U	0.0498		mg/Kg		03/20/23 16:11	03/22/23 18:42	25
Toluene	**9.33**		0.398		mg/Kg		03/22/23 11:22	03/24/23 11:51	200
Ethylbenzene	**10.2**		0.398		mg/Kg		03/22/23 11:22	03/24/23 11:51	200
m-Xylene & p-Xylene	**26.7**		0.795		mg/Kg		03/22/23 11:22	03/24/23 11:51	200
o-Xylene	**12.9**		0.398		mg/Kg		03/22/23 11:22	03/24/23 11:51	200
Xylenes, Total	**39.6**		0.795		mg/Kg		03/22/23 11:22	03/24/23 11:51	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*360*	*S1+*	*70 - 130*	*03/20/23 16:11*	*03/22/23 18:42*	*25*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*03/20/23 16:11*	*03/22/23 18:42*	*25*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**59.1**		0.795		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**6110**		250		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**1380**		250		mg/Kg		03/14/23 12:44	03/17/23 14:39	5
Diesel Range Organics (Over C10-C28)	**4730**		250		mg/Kg		03/14/23 12:44	03/17/23 14:39	5
OII Range Organics (Over C28-C36)	<250	U	250		mg/Kg		03/14/23 12:44	03/17/23 14:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*140*	*S1+*	*70 - 130*	*03/14/23 12:44*	*03/17/23 14:39*	*5*
o-Terphenyl	*112*		*70 - 130*	*03/14/23 12:44*	*03/17/23 14:39*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1360**		4.95		mg/Kg			03/20/23 16:11	1

Client Sample ID: S-8 (2-2.5)

Lab Sample ID: 890-4288-26
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0560**		0.0497		mg/Kg		03/20/23 16:11	03/22/23 19:03	25
Toluene	**9.06**		0.499		mg/Kg		03/22/23 11:22	03/24/23 12:11	250
Ethylbenzene	**9.18**		0.499		mg/Kg		03/22/23 11:22	03/24/23 12:11	250
m-Xylene & p-Xylene	**24.0**		0.998		mg/Kg		03/22/23 11:22	03/24/23 12:11	250
o-Xylene	**12.5**		0.499		mg/Kg		03/22/23 11:22	03/24/23 12:11	250
Xylenes, Total	**36.5**		0.998		mg/Kg		03/22/23 11:22	03/24/23 12:11	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*357*	*S1+*	*70 - 130*	*03/20/23 16:11*	*03/22/23 19:03*	*25*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*03/20/23 16:11*	*03/22/23 19:03*	*25*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-8 (2-2.5)

Lab Sample ID: 890-4288-26
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	54.8		0.998		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	5500		250		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1440		250		mg/Kg		03/14/23 12:44	03/17/23 15:01	5
Diesel Range Organics (Over C10-C28)	4060		250		mg/Kg		03/14/23 12:44	03/17/23 15:01	5
OII Range Organics (Over C28-C36)	<250	U	250		mg/Kg		03/14/23 12:44	03/17/23 15:01	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*137*	*S1+*	*70 - 130*	*03/14/23 12:44*	*03/17/23 15:01*	*5*
o-Terphenyl	*113*		*70 - 130*	*03/14/23 12:44*	*03/17/23 15:01*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1170		4.97		mg/Kg			03/20/23 16:26	1

Client Sample ID: S-8 (3-3.5)

Lab Sample ID: 890-4288-27
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.203		0.0998		mg/Kg		03/20/23 16:11	03/22/23 19:23	50
Toluene	18.1		0.503		mg/Kg		03/22/23 11:22	03/24/23 12:32	250
Ethylbenzene	15.3		0.503		mg/Kg		03/22/23 11:22	03/24/23 12:32	250
m-Xylene & p-Xylene	39.9		1.01		mg/Kg		03/22/23 11:22	03/24/23 12:32	250
o-Xylene	20.4		0.503		mg/Kg		03/22/23 11:22	03/24/23 12:32	250
Xylenes, Total	60.3		1.01		mg/Kg		03/22/23 11:22	03/24/23 12:32	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*357*	*S1+*	*70 - 130*	*03/20/23 16:11*	*03/22/23 19:23*	*50*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*03/20/23 16:11*	*03/22/23 19:23*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	93.9		1.01		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	7410		250		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2170		250		mg/Kg		03/14/23 12:44	03/17/23 15:21	5
Diesel Range Organics (Over C10-C28)	5240		250		mg/Kg		03/14/23 12:44	03/17/23 15:21	5

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-8 (3-3.5)

Lab Sample ID: 890-4288-27
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<250	U	250		mg/Kg		03/14/23 12:44	03/17/23 15:21	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*138*	*S1+*	*70 - 130*	*03/14/23 12:44*	*03/17/23 15:21*	*5*
o-Terphenyl	*108*		*70 - 130*	*03/14/23 12:44*	*03/17/23 15:21*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1630**		25.2		mg/Kg			03/20/23 16:31	5

Client Sample ID: S-8 (4-4.5)

Lab Sample ID: 890-4288-28
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.101**		0.0495		mg/Kg		03/20/23 16:11	03/22/23 19:44	25
Toluene	**0.305**		0.0495		mg/Kg		03/20/23 16:11	03/22/23 19:44	25
Ethylbenzene	**0.274**		0.0495		mg/Kg		03/20/23 16:11	03/22/23 19:44	25
m-Xylene & p-Xylene	**1.45**		0.0990		mg/Kg		03/20/23 16:11	03/22/23 19:44	25
o-Xylene	**0.889**		0.0495		mg/Kg		03/20/23 16:11	03/22/23 19:44	25
Xylenes, Total	**2.34**		0.0990		mg/Kg		03/20/23 16:11	03/22/23 19:44	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*167*	*S1+*	*70 - 130*	*03/20/23 16:11*	*03/22/23 19:44*	*25*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/20/23 16:11*	*03/22/23 19:44*	*25*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**3.02**		0.0990		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**316**		49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**71.1**		49.9		mg/Kg		03/14/23 12:44	03/17/23 16:25	1
Diesel Range Organics (Over C10-C28)	**245**		49.9		mg/Kg		03/14/23 12:44	03/17/23 16:25	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:44	03/17/23 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*03/14/23 12:44*	*03/17/23 16:25*	*1*
o-Terphenyl	*106*		*70 - 130*	*03/14/23 12:44*	*03/17/23 16:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4060**		24.9		mg/Kg			03/20/23 16:36	5

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-9 (1-1.5)

Lab Sample ID: 890-4288-29
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0996	U	0.0996		mg/Kg		03/20/23 16:11	03/22/23 20:05	50
Toluene	**1.80**		0.0996		mg/Kg		03/20/23 16:11	03/22/23 20:05	50
Ethylbenzene	**5.49**		0.0996		mg/Kg		03/20/23 16:11	03/22/23 20:05	50
m-Xylene & p-Xylene	**59.3**	**E**	0.199		mg/Kg		03/20/23 16:11	03/22/23 20:05	50
o-Xylene	**20.8**	**E**	0.0996		mg/Kg		03/20/23 16:11	03/22/23 20:05	50
Xylenes, Total	**80.1**	**E**	0.199		mg/Kg		03/20/23 16:11	03/22/23 20:05	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*373*	*S1+*	*70 - 130*	*03/20/23 16:11*	*03/22/23 20:05*	*50*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*03/20/23 16:11*	*03/22/23 20:05*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**87.4**		0.199		mg/Kg			03/25/23 16:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**8330**		250		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**2650**		250		mg/Kg		03/14/23 12:44	03/17/23 15:42	5
Diesel Range Organics (Over C10-C28)	**5680**		250		mg/Kg		03/14/23 12:44	03/17/23 15:42	5
OII Range Organics (Over C28-C36)	<250	U	250		mg/Kg		03/14/23 12:44	03/17/23 15:42	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*147*	*S1+*	*70 - 130*	*03/14/23 12:44*	*03/17/23 15:42*	*5*
o-Terphenyl	*123*		*70 - 130*	*03/14/23 12:44*	*03/17/23 15:42*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2020**		24.8		mg/Kg			03/20/23 16:40	5

Client Sample ID: S-9 (2-2.5)

Lab Sample ID: 890-4288-30
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.497	U	0.497		mg/Kg		03/20/23 16:11	03/22/23 20:25	250
Toluene	**3.72**		0.497		mg/Kg		03/20/23 16:11	03/22/23 20:25	250
Ethylbenzene	**27.0**		0.497		mg/Kg		03/20/23 16:11	03/22/23 20:25	250
m-Xylene & p-Xylene	**85.7**		0.994		mg/Kg		03/20/23 16:11	03/22/23 20:25	250
o-Xylene	**34.3**		0.497		mg/Kg		03/20/23 16:11	03/22/23 20:25	250
Xylenes, Total	**120**		0.994		mg/Kg		03/20/23 16:11	03/22/23 20:25	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*192*	*S1+*	*70 - 130*	*03/20/23 16:11*	*03/22/23 20:25*	*250*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*03/20/23 16:11*	*03/22/23 20:25*	*250*

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Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-9 (2-2.5)

Lab Sample ID: 890-4288-30
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**151**		0.994		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**7990**		249		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**2830**		249		mg/Kg		03/14/23 12:44	03/17/23 17:31	5
Diesel Range Organics (Over C10-C28)	**5160**		249		mg/Kg		03/14/23 12:44	03/17/23 17:31	5
OII Range Organics (Over C28-C36)	<249	U	249		mg/Kg		03/14/23 12:44	03/17/23 17:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*143*	*S1+*	*70 - 130*	*03/14/23 12:44*	*03/17/23 17:31*	*5*
o-Terphenyl	*115*		*70 - 130*	*03/14/23 12:44*	*03/17/23 17:31*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2670**		24.9		mg/Kg			03/20/23 16:45	5

Client Sample ID: S-9 (3-3.5)

Lab Sample ID: 890-4288-31
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.499	U	0.499		mg/Kg		03/20/23 16:11	03/22/23 20:46	250
Toluene	**5.78**		0.499		mg/Kg		03/20/23 16:11	03/22/23 20:46	250
Ethylbenzene	**40.9**		0.499		mg/Kg		03/20/23 16:11	03/22/23 20:46	250
m-Xylene & p-Xylene	**117**		0.998		mg/Kg		03/20/23 16:11	03/22/23 20:46	250
o-Xylene	**46.4**		0.499		mg/Kg		03/20/23 16:11	03/22/23 20:46	250
Xylenes, Total	**163**		0.998		mg/Kg		03/20/23 16:11	03/22/23 20:46	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*209*	*S1+*	*70 - 130*	*03/20/23 16:11*	*03/22/23 20:46*	*250*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*03/20/23 16:11*	*03/22/23 20:46*	*250*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**210**		0.998		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**9650**		250		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**3380**		250		mg/Kg		03/14/23 12:44	03/17/23 17:52	5
Diesel Range Organics (Over C10-C28)	**6270**		250		mg/Kg		03/14/23 12:44	03/17/23 17:52	5

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-9 (3-3.5)

Lab Sample ID: 890-4288-31
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<250	U	250		mg/Kg		03/14/23 12:44	03/17/23 17:52	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*150*	*S1+*	*70 - 130*	*03/14/23 12:44*	*03/17/23 17:52*	*5*
o-Terphenyl	*138*	*S1+*	*70 - 130*	*03/14/23 12:44*	*03/17/23 17:52*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3150**		25.0		mg/Kg			03/20/23 16:50	5

Client Sample ID: S-9 (4-4.5)

Lab Sample ID: 890-4288-32
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0996	U	0.0996		mg/Kg		03/20/23 16:11	03/22/23 21:27	50
Toluene	**1.52**		0.0996		mg/Kg		03/20/23 16:11	03/22/23 21:27	50
Ethylbenzene	**8.59**		0.0996		mg/Kg		03/20/23 16:11	03/22/23 21:27	50
m-Xylene & p-Xylene	**20.1**		0.199		mg/Kg		03/20/23 16:11	03/22/23 21:27	50
o-Xylene	**9.05**		0.0996		mg/Kg		03/20/23 16:11	03/22/23 21:27	50
Xylenes, Total	**29.2**		0.199		mg/Kg		03/20/23 16:11	03/22/23 21:27	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*261*	*S1+*	*70 - 130*	*03/20/23 16:11*	*03/22/23 21:27*	*50*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*03/20/23 16:11*	*03/22/23 21:27*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**39.3**		0.199		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**8630**		250		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**2880**		250		mg/Kg		03/14/23 12:44	03/17/23 18:14	5
Diesel Range Organics (Over C10-C28)	**5750**		250		mg/Kg		03/14/23 12:44	03/17/23 18:14	5
OII Range Organics (Over C28-C36)	<250	U	250		mg/Kg		03/14/23 12:44	03/17/23 18:14	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*138*	*S1+*	*70 - 130*	*03/14/23 12:44*	*03/17/23 18:14*	*5*
o-Terphenyl	*123*		*70 - 130*	*03/14/23 12:44*	*03/17/23 18:14*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3480**		25.0		mg/Kg			03/20/23 17:05	5

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-10 (1-1.5)

Lab Sample ID: 890-4288-33
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.497	U	0.497		mg/Kg		03/20/23 16:11	03/22/23 21:07	250
Toluene	**4.80**		0.497		mg/Kg		03/20/23 16:11	03/22/23 21:07	250
Ethylbenzene	**29.8**		0.497		mg/Kg		03/20/23 16:11	03/22/23 21:07	250
m-Xylene & p-Xylene	**85.2**		0.994		mg/Kg		03/20/23 16:11	03/22/23 21:07	250
o-Xylene	**34.9**		0.497		mg/Kg		03/20/23 16:11	03/22/23 21:07	250
Xylenes, Total	**120**		0.994		mg/Kg		03/20/23 16:11	03/22/23 21:07	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*195*	*S1+*	*70 - 130*	*03/20/23 16:11*	*03/22/23 21:07*	*250*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*03/20/23 16:11*	*03/22/23 21:07*	*250*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**155**		0.994		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**4420**		250		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**1080**		250		mg/Kg		03/14/23 12:44	03/17/23 18:35	5
Diesel Range Organics (Over C10-C28)	**3340**		250		mg/Kg		03/14/23 12:44	03/17/23 18:35	5
OII Range Organics (Over C28-C36)	<250	U	250		mg/Kg		03/14/23 12:44	03/17/23 18:35	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*03/14/23 12:44*	*03/17/23 18:35*	*5*
o-Terphenyl	*97*		*70 - 130*	*03/14/23 12:44*	*03/17/23 18:35*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1140**		4.96		mg/Kg			03/20/23 17:09	1

Client Sample ID: S-10 (2-2.5)

Lab Sample ID: 890-4288-34
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.100	U	0.100		mg/Kg		03/20/23 16:14	03/23/23 03:20	50
Toluene	**5.16**		0.100		mg/Kg		03/20/23 16:14	03/23/23 03:20	50
Ethylbenzene	**14.5**		0.501		mg/Kg		03/22/23 11:22	03/24/23 12:53	250
m-Xylene & p-Xylene	**33.9**		1.00		mg/Kg		03/22/23 11:22	03/24/23 12:53	250
o-Xylene	**14.4**		0.501		mg/Kg		03/22/23 11:22	03/24/23 12:53	250
Xylenes, Total	**48.3**		1.00		mg/Kg		03/22/23 11:22	03/24/23 12:53	250

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*412*	*S1+*	*70 - 130*	*03/20/23 16:14*	*03/23/23 03:20*	*50*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*03/20/23 16:14*	*03/23/23 03:20*	*50*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-10 (2-2.5)

Lab Sample ID: 890-4288-34
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**68.0**		1.00		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**6110**		250		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**1610**		250		mg/Kg		03/14/23 12:44	03/17/23 18:57	5
Diesel Range Organics (Over C10-C28)	**4500**		250		mg/Kg		03/14/23 12:44	03/17/23 18:57	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		03/14/23 12:44	03/17/23 18:57	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*03/14/23 12:44*	*03/17/23 18:57*	*5*
o-Terphenyl	*96*		*70 - 130*	*03/14/23 12:44*	*03/17/23 18:57*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1290**		5.01		mg/Kg			03/20/23 17:24	1

Client Sample ID: S-10 (3-3.5)

Lab Sample ID: 890-4288-35
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0498	U	0.0498		mg/Kg		03/20/23 16:14	03/23/23 03:40	25
Toluene	**0.294**		0.0498		mg/Kg		03/20/23 16:14	03/23/23 03:40	25
Ethylbenzene	**0.720**		0.0498		mg/Kg		03/20/23 16:14	03/23/23 03:40	25
m-Xylene & p-Xylene	**2.06**		0.0996		mg/Kg		03/20/23 16:14	03/23/23 03:40	25
o-Xylene	**0.826**		0.0498		mg/Kg		03/20/23 16:14	03/23/23 03:40	25
Xylenes, Total	**2.89**		0.0996		mg/Kg		03/20/23 16:14	03/23/23 03:40	25

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*03/20/23 16:14*	*03/23/23 03:40*	*25*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*03/20/23 16:14*	*03/23/23 03:40*	*25*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**3.90**		0.0996		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**251**		49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:44	03/17/23 19:18	1
Diesel Range Organics (Over C10-C28)	**251**		49.9		mg/Kg		03/14/23 12:44	03/17/23 19:18	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-10 (3-3.5)

Lab Sample ID: 890-4288-35
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:44	03/17/23 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*03/14/23 12:44*	*03/17/23 19:18*	*1*
o-Terphenyl	*92*		*70 - 130*	*03/14/23 12:44*	*03/17/23 19:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1930**		25.2		mg/Kg			03/20/23 17:29	5

Client Sample ID: S-10 (4-4.5)

Lab Sample ID: 890-4288-36
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:14	03/23/23 00:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:14	03/23/23 00:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:14	03/23/23 00:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/20/23 16:14	03/23/23 00:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:14	03/23/23 00:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/20/23 16:14	03/23/23 00:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*03/20/23 16:14*	*03/23/23 00:34*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*03/20/23 16:14*	*03/23/23 00:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**156**		50.0		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 12:44	03/17/23 19:39	1
Diesel Range Organics (Over C10-C28)	**156**		50.0		mg/Kg		03/14/23 12:44	03/17/23 19:39	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 12:44	03/17/23 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*03/14/23 12:44*	*03/17/23 19:39*	*1*
o-Terphenyl	*94*		*70 - 130*	*03/14/23 12:44*	*03/17/23 19:39*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4070**		24.9		mg/Kg			03/20/23 17:34	5

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-11 (1-1.5)

Lab Sample ID: 890-4288-37
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 00:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 00:55	1
Ethylbenzene	**0.00412**		0.00200		mg/Kg		03/20/23 16:14	03/23/23 00:55	1
m-Xylene & p-Xylene	**0.0104**		0.00399		mg/Kg		03/20/23 16:14	03/23/23 00:55	1
o-Xylene	**0.00597**		0.00200		mg/Kg		03/20/23 16:14	03/23/23 00:55	1
Xylenes, Total	**0.0164**		0.00399		mg/Kg		03/20/23 16:14	03/23/23 00:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*141*	*S1+*	*70 - 130*	*03/20/23 16:14*	*03/23/23 00:55*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/20/23 16:14*	*03/23/23 00:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0205**		0.00399		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**674**		49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:44	03/17/23 16:03	1
Diesel Range Organics (Over C10-C28)	**674**		49.9		mg/Kg		03/14/23 12:44	03/17/23 16:03	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:44	03/17/23 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*114*		*70 - 130*	*03/14/23 12:44*	*03/17/23 16:03*	*1*
o-Terphenyl	*102*		*70 - 130*	*03/14/23 12:44*	*03/17/23 16:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7470**		50.2		mg/Kg			03/20/23 17:38	10

Client Sample ID: S-11 (2-2.5)

Lab Sample ID: 890-4288-38
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 01:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 01:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 01:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/23 16:14	03/23/23 01:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 01:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/23 16:14	03/23/23 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*03/20/23 16:14*	*03/23/23 01:16*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*03/20/23 16:14*	*03/23/23 01:16*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-11 (2-2.5)

Lab Sample ID: 890-4288-38
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**95.4**		49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:44	03/17/23 20:00	1
Diesel Range Organics (Over C10-C28)	**95.4**		49.9		mg/Kg		03/14/23 12:44	03/17/23 20:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:44	03/17/23 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*110*		*70 - 130*	*03/14/23 12:44*	*03/17/23 20:00*	*1*
o-Terphenyl	*97*		*70 - 130*	*03/14/23 12:44*	*03/17/23 20:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**846**		5.05		mg/Kg			03/20/23 17:43	1

Client Sample ID: S-11 (3-3.5)

Lab Sample ID: 890-4288-39
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 01:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 01:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 01:36	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/20/23 16:14	03/23/23 01:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 01:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/20/23 16:14	03/23/23 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*03/20/23 16:14*	*03/23/23 01:36*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/20/23 16:14*	*03/23/23 01:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 12:44	03/17/23 20:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/14/23 12:44	03/17/23 20:21	1

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Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-11 (3-3.5)

Lab Sample ID: 890-4288-39
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 12:44	03/17/23 20:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*108*		*70 - 130*	*03/14/23 12:44*	*03/17/23 20:21*	*1*
o-Terphenyl	*96*		*70 - 130*	*03/14/23 12:44*	*03/17/23 20:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**296**		5.04		mg/Kg			03/20/23 17:48	1

Client Sample ID: S-11 (4-4.5)

Lab Sample ID: 890-4288-40
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 01:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 01:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 01:57	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/20/23 16:14	03/23/23 01:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 01:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/20/23 16:14	03/23/23 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*03/20/23 16:14*	*03/23/23 01:57*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/20/23 16:14*	*03/23/23 01:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**51.6**		49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 12:44	03/17/23 20:42	1
Diesel Range Organics (Over C10-C28)	**51.6**		49.9		mg/Kg		03/14/23 12:44	03/17/23 20:42	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 12:44	03/17/23 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*03/14/23 12:44*	*03/17/23 20:42*	*1*
o-Terphenyl	*106*		*70 - 130*	*03/14/23 12:44*	*03/17/23 20:42*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**317**		4.99		mg/Kg			03/20/23 17:53	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-12 (1-1.5)

Lab Sample ID: 890-4288-41
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 02:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 02:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 02:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/23 16:14	03/23/23 02:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 02:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/23 16:14	03/23/23 02:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*03/20/23 16:14*	*03/23/23 02:18*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/20/23 16:14*	*03/23/23 02:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**75.8**		49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	49.9		mg/Kg		03/14/23 13:39	03/16/23 21:10	1
Diesel Range Organics (Over C10-C28)	**75.8**		49.9		mg/Kg		03/14/23 13:39	03/16/23 21:10	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/16/23 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*03/14/23 13:39*	*03/16/23 21:10*	*1*
o-Terphenyl	*106*		*70 - 130*	*03/14/23 13:39*	*03/16/23 21:10*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2270**		24.9		mg/Kg			03/19/23 23:06	5

Client Sample ID: S-12 (2-2.5)

Lab Sample ID: 890-4288-42
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 02:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 02:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 02:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/23 16:14	03/23/23 02:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 02:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/23 16:14	03/23/23 02:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*03/20/23 16:14*	*03/23/23 02:38*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/20/23 16:14*	*03/23/23 02:38*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-12 (2-2.5)

Lab Sample ID: 890-4288-42
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/16/23 22:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/16/23 22:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/16/23 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*03/14/23 13:39*	*03/16/23 22:15*	*1*
o-Terphenyl	*106*		*70 - 130*	*03/14/23 13:39*	*03/16/23 22:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2740**		24.9		mg/Kg			03/19/23 23:20	5

Client Sample ID: S-12 (3-3.5)

Lab Sample ID: 890-4288-43
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 02:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 02:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 02:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/20/23 16:14	03/23/23 02:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 02:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/20/23 16:14	03/23/23 02:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*03/20/23 16:14*	*03/23/23 02:59*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/20/23 16:14*	*03/23/23 02:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/22/23 16:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/16/23 22:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/16/23 22:36	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-12 (3-3.5)

Lab Sample ID: 890-4288-43
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/16/23 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*03/14/23 13:39*	*03/16/23 22:36*	*1*
o-Terphenyl	*92*		*70 - 130*	*03/14/23 13:39*	*03/16/23 22:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**312**		5.00		mg/Kg			03/19/23 23:25	1

Client Sample ID: S-12 (4-4.5)

Lab Sample ID: 890-4288-44
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:14	03/23/23 05:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:14	03/23/23 05:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:14	03/23/23 05:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/20/23 16:14	03/23/23 05:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:14	03/23/23 05:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/20/23 16:14	03/23/23 05:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*03/20/23 16:14*	*03/23/23 05:05*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*03/20/23 16:14*	*03/23/23 05:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/16/23 22:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/16/23 22:58	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/16/23 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*85*		*70 - 130*	*03/14/23 13:39*	*03/16/23 22:58*	*1*
o-Terphenyl	*90*		*70 - 130*	*03/14/23 13:39*	*03/16/23 22:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**323**		5.04		mg/Kg			03/19/23 23:30	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-13 (1-1.5)

Lab Sample ID: 890-4288-45
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:14	03/23/23 05:25	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:14	03/23/23 05:25	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:14	03/23/23 05:25	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		03/20/23 16:14	03/23/23 05:25	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:14	03/23/23 05:25	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		03/20/23 16:14	03/23/23 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*03/20/23 16:14*	*03/23/23 05:25*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*03/20/23 16:14*	*03/23/23 05:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**167**		50.0		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 13:39	03/16/23 23:19	1
Diesel Range Organics (Over C10-C28)	**167**		50.0		mg/Kg		03/14/23 13:39	03/16/23 23:19	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 13:39	03/16/23 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*91*		*70 - 130*	*03/14/23 13:39*	*03/16/23 23:19*	*1*
o-Terphenyl	*98*		*70 - 130*	*03/14/23 13:39*	*03/16/23 23:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3490**		24.9		mg/Kg			03/19/23 23:35	5

Client Sample ID: S-13 (2-2.5)

Lab Sample ID: 890-4288-46
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 05:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 05:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 05:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/23 16:14	03/23/23 05:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 05:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/23 16:14	03/23/23 05:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*03/20/23 16:14*	*03/23/23 05:46*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/20/23 16:14*	*03/23/23 05:46*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-13 (2-2.5)

Lab Sample ID: 890-4288-46
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**120**		49.9		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/16/23 23:40	1
Diesel Range Organics (Over C10-C28)	**120**		49.9		mg/Kg		03/14/23 13:39	03/16/23 23:40	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/16/23 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*03/14/23 13:39*	*03/16/23 23:40*	*1*
o-Terphenyl	*89*		*70 - 130*	*03/14/23 13:39*	*03/16/23 23:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4120**		25.2		mg/Kg			03/19/23 23:49	5

Client Sample ID: S-13 (3-3.5)

Lab Sample ID: 890-4288-47
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 06:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 06:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 06:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/23 16:14	03/23/23 06:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 06:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/23 16:14	03/23/23 06:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*03/20/23 16:14*	*03/23/23 06:07*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/20/23 16:14*	*03/23/23 06:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/17/23 00:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/17/23 00:01	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-13 (3-3.5)

Lab Sample ID: 890-4288-47
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/17/23 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*03/14/23 13:39*	*03/17/23 00:01*	*1*
o-Terphenyl	*98*		*70 - 130*	*03/14/23 13:39*	*03/17/23 00:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**596**		4.97		mg/Kg			03/19/23 23:54	1

Client Sample ID: S-13 (4-4.5)

Lab Sample ID: 890-4288-48
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 06:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 06:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 06:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/20/23 16:14	03/23/23 06:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 06:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/20/23 16:14	03/23/23 06:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*03/20/23 16:14*	*03/23/23 06:27*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*03/20/23 16:14*	*03/23/23 06:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/17/23 00:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/17/23 00:23	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/17/23 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*03/14/23 13:39*	*03/17/23 00:23*	*1*
o-Terphenyl	*98*		*70 - 130*	*03/14/23 13:39*	*03/17/23 00:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**598**		5.00		mg/Kg			03/19/23 23:59	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-14 (1-1.5)

Lab Sample ID: 890-4288-49
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 06:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 06:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 06:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/23 16:14	03/23/23 06:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 06:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/23 16:14	03/23/23 06:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*03/20/23 16:14*	*03/23/23 06:48*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/20/23 16:14*	*03/23/23 06:48*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 13:39	03/17/23 00:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/14/23 13:39	03/17/23 00:43	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 13:39	03/17/23 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*103*		*70 - 130*	*03/14/23 13:39*	*03/17/23 00:43*	*1*
o-Terphenyl	*90*		*70 - 130*	*03/14/23 13:39*	*03/17/23 00:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4540**		25.3		mg/Kg			03/20/23 00:04	5

Client Sample ID: S-14 (2-2.5)

Lab Sample ID: 890-4288-50
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 07:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 07:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 07:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/20/23 16:14	03/23/23 07:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/20/23 16:14	03/23/23 07:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/20/23 16:14	03/23/23 07:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*03/20/23 16:14*	*03/23/23 07:09*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/20/23 16:14*	*03/23/23 07:09*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-14 (2-2.5)

Lab Sample ID: 890-4288-50
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**135**		50.0		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 13:39	03/17/23 01:05	1
Diesel Range Organics (Over C10-C28)	**135**		50.0		mg/Kg		03/14/23 13:39	03/17/23 01:05	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 13:39	03/17/23 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*03/14/23 13:39*	*03/17/23 01:05*	*1*
o-Terphenyl	*86*		*70 - 130*	*03/14/23 13:39*	*03/17/23 01:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3120**		25.0		mg/Kg			03/20/23 00:09	5

Client Sample ID: S-14 (3-3.5)

Lab Sample ID: 890-4288-51
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:14	03/23/23 07:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:14	03/23/23 07:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:14	03/23/23 07:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/20/23 16:14	03/23/23 07:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/20/23 16:14	03/23/23 07:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/20/23 16:14	03/23/23 07:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*03/20/23 16:14*	*03/23/23 07:29*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*03/20/23 16:14*	*03/23/23 07:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**135**		50.0		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 13:39	03/17/23 01:48	1
Diesel Range Organics (Over C10-C28)	**135**		50.0		mg/Kg		03/14/23 13:39	03/17/23 01:48	1

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Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-14 (3-3.5)

Lab Sample ID: 890-4288-51
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 13:39	03/17/23 01:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*106*		*70 - 130*	*03/14/23 13:39*	*03/17/23 01:48*	*1*
o-Terphenyl	*98*		*70 - 130*	*03/14/23 13:39*	*03/17/23 01:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**414**		4.97		mg/Kg			03/20/23 00:13	1

Client Sample ID: S-14 (4-4.5)

Lab Sample ID: 890-4288-52
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:14	03/23/23 07:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:14	03/23/23 07:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:14	03/23/23 07:50	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/20/23 16:14	03/23/23 07:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/20/23 16:14	03/23/23 07:50	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/20/23 16:14	03/23/23 07:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*03/20/23 16:14*	*03/23/23 07:50*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*03/20/23 16:14*	*03/23/23 07:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/26/23 08:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/17/23 02:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/17/23 02:09	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/17/23 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*03/14/23 13:39*	*03/17/23 02:09*	*1*
o-Terphenyl	*91*		*70 - 130*	*03/14/23 13:39*	*03/17/23 02:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**515**		5.02		mg/Kg			03/20/23 00:28	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-15 (1-1.5)

Lab Sample ID: 890-4288-53
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 08:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 08:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 08:11	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/20/23 16:14	03/23/23 08:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 08:11	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/20/23 16:14	03/23/23 08:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*03/20/23 16:14*	*03/23/23 08:11*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/20/23 16:14*	*03/23/23 08:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/26/23 08:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**195**		50.0		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 13:39	03/17/23 02:31	1
Diesel Range Organics (Over C10-C28)	**195**		50.0		mg/Kg		03/14/23 13:39	03/17/23 02:31	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 13:39	03/17/23 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*03/14/23 13:39*	*03/17/23 02:31*	*1*
o-Terphenyl	*87*		*70 - 130*	*03/14/23 13:39*	*03/17/23 02:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5470**		50.1		mg/Kg			03/20/23 00:33	10

Client Sample ID: S-15 (2-2.5)

Lab Sample ID: 890-4288-54
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/21/23 09:28	03/21/23 14:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/21/23 09:28	03/21/23 14:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/21/23 09:28	03/21/23 14:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/21/23 09:28	03/21/23 14:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/21/23 09:28	03/21/23 14:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/21/23 09:28	03/21/23 14:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*03/21/23 09:28*	*03/21/23 14:29*	*1*
1,4-Difluorobenzene (Surr)	*63*	*S1-*	*70 - 130*	*03/21/23 09:28*	*03/21/23 14:29*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-15 (2-2.5)

Lab Sample ID: 890-4288-54
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/26/23 08:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/17/23 02:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/17/23 02:52	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/17/23 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*87*		*70 - 130*	*03/14/23 13:39*	*03/17/23 02:52*	*1*
o-Terphenyl	*77*		*70 - 130*	*03/14/23 13:39*	*03/17/23 02:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**527**		4.95		mg/Kg			03/20/23 00:47	1

Client Sample ID: S-15 (3-3.5)

Lab Sample ID: 890-4288-55
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/21/23 09:28	03/21/23 14:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/21/23 09:28	03/21/23 14:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/21/23 09:28	03/21/23 14:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/21/23 09:28	03/21/23 14:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/21/23 09:28	03/21/23 14:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/21/23 09:28	03/21/23 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*03/21/23 09:28*	*03/21/23 14:49*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*03/21/23 09:28*	*03/21/23 14:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/26/23 08:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**52.6**		49.9		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**52.6**		49.9		mg/Kg		03/14/23 13:39	03/17/23 03:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/17/23 03:13	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-15 (3-3.5)

Lab Sample ID: 890-4288-55
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/17/23 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*03/14/23 13:39*	*03/17/23 03:13*	*1*
o-Terphenyl	*88*		*70 - 130*	*03/14/23 13:39*	*03/17/23 03:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1030**		5.03		mg/Kg			03/20/23 00:52	1

Client Sample ID: S-15 (4-4.5)

Lab Sample ID: 890-4288-56
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/21/23 09:28	03/21/23 15:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/21/23 09:28	03/21/23 15:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/21/23 09:28	03/21/23 15:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/21/23 09:28	03/21/23 15:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/21/23 09:28	03/21/23 15:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/21/23 09:28	03/21/23 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*03/21/23 09:28*	*03/21/23 15:10*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*03/21/23 09:28*	*03/21/23 15:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/26/23 08:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/17/23 03:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/17/23 03:34	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/14/23 13:39	03/17/23 03:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*89*		*70 - 130*	*03/14/23 13:39*	*03/17/23 03:34*	*1*
o-Terphenyl	*78*		*70 - 130*	*03/14/23 13:39*	*03/17/23 03:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**832**		5.02		mg/Kg			03/20/23 00:57	1

Surrogate Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-25818-A-41-H MS	Matrix Spike	86	112
880-25818-A-41-I MSD	Matrix Spike Duplicate	107	88
880-25822-A-1-D MS	Matrix Spike	101	91
880-25822-A-1-E MSD	Matrix Spike Duplicate	104	90
880-26165-A-1-H MS	Matrix Spike	127	103
880-26165-A-1-I MSD	Matrix Spike Duplicate	129	101
890-4288-1	S-2 (1-1.5)	97	101
890-4288-2	S-2 (2-2.5)	104	92
890-4288-3	S-2 (3-3.5)	98	90
890-4288-4	S-2 (4-4.5)	97	87
890-4288-5	S-3 (1-1.5)	105	108
890-4288-6	S-3 (2-2.5)	47 S1-	100
890-4288-7	S-3 (3-3.5)	102	93
890-4288-8	S-3 (4-4.5)	101	107
890-4288-9	S-4 (1-1.5)	100	105
890-4288-10	S-4 (2-2.5)	104	109
890-4288-11	S-4 (3-3.5)	96	104
890-4288-12	S-4 (4-4.5)	98	104
890-4288-13	S-5 (1-1.5)	100	103
890-4288-14	S-5 (2-2.5)	96	108
890-4288-15	S-5 (3-3.5)	92	78
890-4288-16	S-5 (4-4.5)	103	79
890-4288-17	S-6 (1-1.5)	100	83
890-4288-18	S-6 (2-2.5)	92	89
890-4288-19	S-6 (3-3.5)	95	105
890-4288-20	S-6 (4-4.5)	101	107
890-4288-21	S-7 (1-1.5)	204 S1+	94
890-4288-22	S-7 (2-2.5)	103	113
890-4288-23	S-7 (3-3.5)	114	98
890-4288-24	S-7 (4-4.5)	107	91
890-4288-25	S-8 (1-1.5)	360 S1+	97
890-4288-26	S-8 (2-2.5)	357 S1+	95
890-4288-27	S-8 (3-3.5)	357 S1+	92
890-4288-28	S-8 (4-4.5)	167 S1+	104
890-4288-29	S-9 (1-1.5)	373 S1+	86
890-4288-30	S-9 (2-2.5)	192 S1+	93
890-4288-31	S-9 (3-3.5)	209 S1+	92
890-4288-32	S-9 (4-4.5)	261 S1+	90
890-4288-33	S-10 (1-1.5)	195 S1+	93
890-4288-34	S-10 (2-2.5)	412 S1+	91
890-4288-35	S-10 (3-3.5)	144 S1+	99
890-4288-36	S-10 (4-4.5)	123	89
890-4288-36 MS	S-10 (4-4.5)	119	96
890-4288-36 MSD	S-10 (4-4.5)	123	93
890-4288-37	S-11 (1-1.5)	141 S1+	101
890-4288-38	S-11 (2-2.5)	125	97
890-4288-39	S-11 (3-3.5)	107	100
890-4288-40	S-11 (4-4.5)	120	101
890-4288-41	S-12 (1-1.5)	112	100

Surrogate Summary

Client: NT Global
Job ID: 890-4288-1
Project/Site: Diamondback 24-25 CTB
SDG: 226700

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)								
890-4288-42	S-12 (2-2.5)	114	102								
890-4288-43	S-12 (3-3.5)	108	100								
890-4288-44	S-12 (4-4.5)	116	89								
890-4288-45	S-13 (1-1.5)	120	109								
890-4288-46	S-13 (2-2.5)	115	104								
890-4288-47	S-13 (3-3.5)	110	101								
890-4288-48	S-13 (4-4.5)	109	99								
890-4288-49	S-14 (1-1.5)	113	104								
890-4288-50	S-14 (2-2.5)	114	104								
890-4288-51	S-14 (3-3.5)	107	102								
890-4288-52	S-14 (4-4.5)	110	98								
890-4288-53	S-15 (1-1.5)	107	101								
890-4288-54	S-15 (2-2.5)	81	63 S1-								
890-4288-55	S-15 (3-3.5)	90	92								
890-4288-56	S-15 (4-4.5)	86	88								
890-4288-A-14-C MS	890-4288-A-14-C MS	103	96								
890-4288-A-14-D MSD	890-4288-A-14-D MSD	118	108								
890-4305-A-1-E MS	Matrix Spike	113	113								
890-4305-A-1-F MSD	Matrix Spike Duplicate	114	110								
LCS 880-49035/1-A	Lab Control Sample	105	97								
LCS 880-49036/1-A	Lab Control Sample	104	90								
LCS 880-49038/1-A	Lab Control Sample	105	94								
LCS 880-49091/1-A	Lab Control Sample	86	107								
LCS 880-49192/1-A	Lab Control Sample	129	101								
LCS 880-49216/1-A	Lab Control Sample	102	108								
LCSD 880-49035/2-A	Lab Control Sample Dup	103	97								
LCSD 880-49036/2-A	Lab Control Sample Dup	100	95								
LCSD 880-49038/2-A	Lab Control Sample Dup	107	93								
LCSD 880-49091/2-A	Lab Control Sample Dup	91	93								
LCSD 880-49192/2-A	Lab Control Sample Dup	132 S1+	87								
LCSD 880-49216/2-A	Lab Control Sample Dup	102	108								
MB 880-48857/5-A	Method Blank	96	78								
MB 880-49035/5-A	Method Blank	92	86								
MB 880-49036/5-A	Method Blank	92	79								
MB 880-49038/5-A	Method Blank	96	87								
MB 880-49091/5-A	Method Blank	72	75								
MB 880-49192/5-A	Method Blank	84	86								
MB 880-49216/5-A	Method Blank	99	101								
MB 880-49328/5-A	Method Blank	78	79								

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
890-4288-1	S-2 (1-1.5)	87	88								

Surrogate Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
890-4288-1 MS	S-2 (1-1.5)	127	104								
890-4288-1 MSD	S-2 (1-1.5)	128	106								
890-4288-2	S-2 (2-2.5)	77	71								
890-4288-3	S-2 (3-3.5)	89	88								
890-4288-4	S-2 (4-4.5)	105	99								
890-4288-5	S-3 (1-1.5)	80	80								
890-4288-6	S-3 (2-2.5)	91	85								
890-4288-7	S-3 (3-3.5)	85	88								
890-4288-8	S-3 (4-4.5)	100	102								
890-4288-9	S-4 (1-1.5)	92	89								
890-4288-10	S-4 (2-2.5)	95	96								
890-4288-11	S-4 (3-3.5)	82	80								
890-4288-12	S-4 (4-4.5)	102	95								
890-4288-13	S-5 (1-1.5)	95	92								
890-4288-14	S-5 (2-2.5)	101	96								
890-4288-15	S-5 (3-3.5)	81	80								
890-4288-16	S-5 (4-4.5)	101	91								
890-4288-17	S-6 (1-1.5)	101	95								
890-4288-18	S-6 (2-2.5)	103	99								
890-4288-19	S-6 (3-3.5)	87	81								
890-4288-20	S-6 (4-4.5)	99	87								
890-4288-21	S-7 (1-1.5)	123	114								
890-4288-22	S-7 (2-2.5)	108	94								
890-4288-22 MS	S-7 (2-2.5)	111	86								
890-4288-22 MSD	S-7 (2-2.5)	122	96								
890-4288-23	S-7 (3-3.5)	89	77								
890-4288-24	S-7 (4-4.5)	111	96								
890-4288-25	S-8 (1-1.5)	140 S1+	112								
890-4288-26	S-8 (2-2.5)	137 S1+	113								
890-4288-27	S-8 (3-3.5)	138 S1+	108								
890-4288-28	S-8 (4-4.5)	117	106								
890-4288-29	S-9 (1-1.5)	147 S1+	123								
890-4288-30	S-9 (2-2.5)	143 S1+	115								
890-4288-31	S-9 (3-3.5)	150 S1+	138 S1+								
890-4288-32	S-9 (4-4.5)	138 S1+	123								
890-4288-33	S-10 (1-1.5)	122	97								
890-4288-34	S-10 (2-2.5)	120	96								
890-4288-35	S-10 (3-3.5)	106	92								
890-4288-36	S-10 (4-4.5)	106	94								
890-4288-37	S-11 (1-1.5)	114	102								
890-4288-38	S-11 (2-2.5)	110	97								
890-4288-39	S-11 (3-3.5)	108	96								
890-4288-40	S-11 (4-4.5)	120	106								
890-4288-41	S-12 (1-1.5)	109	106								
890-4288-41 MS	S-12 (1-1.5)	78	80								
890-4288-41 MSD	S-12 (1-1.5)	81	84								
890-4288-42	S-12 (2-2.5)	104	106								
890-4288-43	S-12 (3-3.5)	87	92								
890-4288-44	S-12 (4-4.5)	85	90								
890-4288-45	S-13 (1-1.5)	91	98								

Surrogate Summary

Client: NT Global
Job ID: 890-4288-1
Project/Site: Diamondback 24-25 CTB
SDG: 226700

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
890-4288-46	S-13 (2-2.5)	100	89								
890-4288-47	S-13 (3-3.5)	103	98								
890-4288-48	S-13 (4-4.5)	105	98								
890-4288-49	S-14 (1-1.5)	103	90								
890-4288-50	S-14 (2-2.5)	98	86								
890-4288-51	S-14 (3-3.5)	106	98								
890-4288-52	S-14 (4-4.5)	102	91								
890-4288-53	S-15 (1-1.5)	89	87								
890-4288-54	S-15 (2-2.5)	87	77								
890-4288-55	S-15 (3-3.5)	100	88								
890-4288-56	S-15 (4-4.5)	89	78								
LCS 880-48600/2-A	Lab Control Sample	104	115								
LCS 880-48610/2-A	Lab Control Sample	106	95								
LCS 880-48613/2-A	Lab Control Sample	104	104								
LCSD 880-48600/3-A	Lab Control Sample Dup	103	114								
LCSD 880-48610/3-A	Lab Control Sample Dup	117	104								
LCSD 880-48613/3-A	Lab Control Sample Dup	101	109								
MB 880-48600/1-A	Method Blank	101	106								
MB 880-48610/1-A	Method Blank	117	111								
MB 880-48613/1-A	Method Blank	108	98								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-48857/5-A
Matrix: Solid
Analysis Batch: 49106

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 48857

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/17/23 16:23	03/21/23 13:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/23 16:23	03/21/23 13:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/23 16:23	03/21/23 13:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/17/23 16:23	03/21/23 13:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/17/23 16:23	03/21/23 13:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/17/23 16:23	03/21/23 13:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*03/17/23 16:23*	*03/21/23 13:53*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*03/17/23 16:23*	*03/21/23 13:53*	*1*

Lab Sample ID: MB 880-49035/5-A
Matrix: Solid
Analysis Batch: 49106

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49035

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:09	03/22/23 01:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:09	03/22/23 01:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:09	03/22/23 01:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/20/23 16:09	03/22/23 01:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:09	03/22/23 01:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/20/23 16:09	03/22/23 01:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*03/20/23 16:09*	*03/22/23 01:16*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*03/20/23 16:09*	*03/22/23 01:16*	*1*

Lab Sample ID: LCS 880-49035/1-A
Matrix: Solid
Analysis Batch: 49106

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49035

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09185		mg/Kg		92	70 - 130		
Toluene			0.100	0.09199		mg/Kg		92	70 - 130		
Ethylbenzene			0.100	0.08930		mg/Kg		89	70 - 130		
m-Xylene & p-Xylene			0.200	0.1847		mg/Kg		92	70 - 130		
o-Xylene			0.100	0.09514		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-49035/2-A
Matrix: Solid
Analysis Batch: 49106

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49035

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09074		mg/Kg		91	70 - 130	1	35

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

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

Lab Sample ID: LCSD 880-49035/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49106 — **Prep Batch: 49035**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09224		mg/Kg		92	70 - 130	0	35
Ethylbenzene			0.100	0.08860		mg/Kg		89	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.1834		mg/Kg		92	70 - 130	1	35
o-Xylene			0.100	0.09424		mg/Kg		94	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-25822-A-1-D MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49106 — **Prep Batch: 49035**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.08279		mg/Kg		82	70 - 130
Toluene	<0.00201	U	0.100	0.07571		mg/Kg		75	70 - 130
Ethylbenzene	<0.00201	U F1	0.100	0.06223	F1	mg/Kg		62	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.201	0.1254	F1	mg/Kg		62	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.06416	F1	mg/Kg		64	70 - 130

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

Lab Sample ID: 880-25822-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49106 — **Prep Batch: 49035**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.07787		mg/Kg		79	70 - 130	6	35
Toluene	<0.00201	U	0.0990	0.07060		mg/Kg		71	70 - 130	7	35
Ethylbenzene	<0.00201	U F1	0.0990	0.05772	F1	mg/Kg		58	70 - 130	8	35
m-Xylene & p-Xylene	<0.00402	U F1	0.198	0.1162	F1	mg/Kg		59	70 - 130	8	35
o-Xylene	<0.00201	U F1	0.0990	0.05882	F1	mg/Kg		59	70 - 130	9	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: MB 880-49036/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49162 — **Prep Batch: 49036**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:11	03/22/23 13:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:11	03/22/23 13:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:11	03/22/23 13:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/20/23 16:11	03/22/23 13:08	1

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

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

Lab Sample ID: MB 880-49036/5-A
Matrix: Solid
Analysis Batch: 49162

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49036

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:11	03/22/23 13:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/20/23 16:11	03/22/23 13:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*03/20/23 16:11*	*03/22/23 13:08*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*03/20/23 16:11*	*03/22/23 13:08*	*1*

Lab Sample ID: LCS 880-49036/1-A
Matrix: Solid
Analysis Batch: 49162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49036

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09288		mg/Kg		93	70 - 130
Toluene	0.100	0.09971		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09794		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.2017		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1014		mg/Kg		101	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: LCSD 880-49036/2-A
Matrix: Solid
Analysis Batch: 49162

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49036

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08874		mg/Kg		89	70 - 130	5	35
Toluene	0.100	0.09372		mg/Kg		94	70 - 130	6	35
Ethylbenzene	0.100	0.09258		mg/Kg		93	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1916		mg/Kg		96	70 - 130	5	35
o-Xylene	0.100	0.09679		mg/Kg		97	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 890-4288-A-14-C MS
Matrix: Solid
Analysis Batch: 49162

Client Sample ID: 890-4288-A-14-C MS
Prep Type: Total/NA
Prep Batch: 49036

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.100	0.08483		mg/Kg		84	70 - 130
Toluene	<0.00201	U	0.100	0.08861		mg/Kg		88	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.09077		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1846		mg/Kg		92	70 - 130
o-Xylene	<0.00201	U	0.100	0.09250		mg/Kg		92	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

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

Lab Sample ID: 890-4288-A-14-C MS
Matrix: Solid
Analysis Batch: 49162

Client Sample ID: 890-4288-A-14-C MS
Prep Type: Total/NA
Prep Batch: 49036

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-4288-A-14-D MSD
Matrix: Solid
Analysis Batch: 49162

Client Sample ID: 890-4288-A-14-D MSD
Prep Type: Total/NA
Prep Batch: 49036

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0990	0.06910	F1	mg/Kg		69	70 - 130	20	35
Toluene	<0.00201	U	0.0990	0.08228		mg/Kg		83	70 - 130	7	35
Ethylbenzene	<0.00201	U	0.0990	0.1005		mg/Kg		101	70 - 130	10	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.2113		mg/Kg		107	70 - 130	13	35
o-Xylene	<0.00201	U	0.0990	0.1063		mg/Kg		107	70 - 130	14	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: MB 880-49038/5-A
Matrix: Solid
Analysis Batch: 49162

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49038

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 00:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 00:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 00:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/20/23 16:14	03/23/23 00:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/20/23 16:14	03/23/23 00:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/20/23 16:14	03/23/23 00:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	03/20/23 16:14	03/23/23 00:12	1
1,4-Difluorobenzene (Surr)	87		70 - 130	03/20/23 16:14	03/23/23 00:12	1

Lab Sample ID: LCS 880-49038/1-A
Matrix: Solid
Analysis Batch: 49162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49038

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08193		mg/Kg		82	70 - 130
Toluene	0.100	0.08652		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.08567		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1808		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09409		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

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

Lab Sample ID: LCS 880-49038/1-A
Matrix: Solid
Analysis Batch: 49162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49038

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-49038/2-A
Matrix: Solid
Analysis Batch: 49162

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49038

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08026		mg/Kg		80	70 - 130	2	35
Toluene			0.100	0.08640		mg/Kg		86	70 - 130	0	35
Ethylbenzene			0.100	0.08518		mg/Kg		85	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.1792		mg/Kg		90	70 - 130	1	35
o-Xylene			0.100	0.09288		mg/Kg		93	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 890-4288-36 MS
Matrix: Solid
Analysis Batch: 49162

Client Sample ID: S-10 (4-4.5)
Prep Type: Total/NA
Prep Batch: 49038

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0998	0.07638		mg/Kg		77	70 - 130		
Toluene	<0.00201	U	0.0998	0.07729		mg/Kg		77	70 - 130		
Ethylbenzene	<0.00201	U	0.0998	0.07522		mg/Kg		75	70 - 130		
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1633		mg/Kg		81	70 - 130		
o-Xylene	<0.00201	U	0.0998	0.08508		mg/Kg		85	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-4288-36 MSD
Matrix: Solid
Analysis Batch: 49162

Client Sample ID: S-10 (4-4.5)
Prep Type: Total/NA
Prep Batch: 49038

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0994	0.08027		mg/Kg		81	70 - 130	5	35
Toluene	<0.00201	U	0.0994	0.08850		mg/Kg		89	70 - 130	14	35
Ethylbenzene	<0.00201	U	0.0994	0.08681		mg/Kg		87	70 - 130	14	35
m-Xylene & p-Xylene	<0.00402	U	0.199	0.1884		mg/Kg		94	70 - 130	14	35
o-Xylene	<0.00201	U	0.0994	0.09733		mg/Kg		98	70 - 130	13	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

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

Lab Sample ID: MB 880-49091/5-A
Matrix: Solid
Analysis Batch: 49077

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49091

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/21/23 09:28	03/21/23 12:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/21/23 09:28	03/21/23 12:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/21/23 09:28	03/21/23 12:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/21/23 09:28	03/21/23 12:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/21/23 09:28	03/21/23 12:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/21/23 09:28	03/21/23 12:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*70 - 130*	*03/21/23 09:28*	*03/21/23 12:45*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*03/21/23 09:28*	*03/21/23 12:45*	*1*

Lab Sample ID: LCS 880-49091/1-A
Matrix: Solid
Analysis Batch: 49077

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49091

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1194		mg/Kg		119	70 - 130
Toluene	0.100	0.1068		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.09680		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.2037		mg/Kg		102	70 - 130
o-Xylene	0.100	0.09948		mg/Kg		99	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 880-49091/2-A
Matrix: Solid
Analysis Batch: 49077

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49091

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09058		mg/Kg		91	70 - 130	27	35
Toluene	0.100	0.09286		mg/Kg		93	70 - 130	14	35
Ethylbenzene	0.100	0.08533		mg/Kg		85	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.1771		mg/Kg		89	70 - 130	14	35
o-Xylene	0.100	0.08571		mg/Kg		86	70 - 130	15	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 880-25818-A-41-H MS
Matrix: Solid
Analysis Batch: 49077

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 49091

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.1144		mg/Kg		115	70 - 130
Toluene	<0.00200	U	0.0998	0.09361		mg/Kg		94	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

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

Lab Sample ID: 880-25818-A-41-H MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49077 — **Prep Batch: 49091**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0998	0.08188		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.200	0.1678		mg/Kg		84	70 - 130
o-Xylene	<0.00200	U	0.0998	0.08195		mg/Kg		82	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*

Lab Sample ID: 880-25818-A-41-I MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49077 — **Prep Batch: 49091**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.09845		mg/Kg		99	70 - 130	15	35
Toluene	<0.00200	U	0.0990	0.09627		mg/Kg		97	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.0990	0.09632		mg/Kg		97	70 - 130	16	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.2106		mg/Kg		106	70 - 130	23	35
o-Xylene	<0.00200	U	0.0990	0.1022		mg/Kg		103	70 - 130	22	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*

Lab Sample ID: MB 880-49192/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49344 — **Prep Batch: 49192**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/22/23 11:22	03/24/23 06:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/22/23 11:22	03/24/23 06:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/22/23 11:22	03/24/23 06:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/22/23 11:22	03/24/23 06:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/22/23 11:22	03/24/23 06:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/22/23 11:22	03/24/23 06:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*03/22/23 11:22*	*03/24/23 06:00*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*03/22/23 11:22*	*03/24/23 06:00*	*1*

Lab Sample ID: LCS 880-49192/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49344 — **Prep Batch: 49192**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1011		mg/Kg		101	70 - 130
Toluene	0.100	0.09904		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.1097		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2422		mg/Kg		121	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

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

Lab Sample ID: LCS 880-49192/1-A
Matrix: Solid
Analysis Batch: 49344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49192

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1268		mg/Kg		127	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-49192/2-A
Matrix: Solid
Analysis Batch: 49344

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49192

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08464		mg/Kg		85	70 - 130	18	35
Toluene			0.100	0.09054		mg/Kg		91	70 - 130	9	35
Ethylbenzene			0.100	0.1013		mg/Kg		101	70 - 130	8	35
m-Xylene & p-Xylene			0.200	0.2186		mg/Kg		109	70 - 130	10	35
o-Xylene			0.100	0.1144		mg/Kg		114	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*

Lab Sample ID: 880-26165-A-1-H MS
Matrix: Solid
Analysis Batch: 49344

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 49192

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0998	0.07995		mg/Kg		80	70 - 130		
Toluene	<0.00201	U	0.0998	0.08505		mg/Kg		85	70 - 130		
Ethylbenzene	<0.00201	U	0.0998	0.09468		mg/Kg		95	70 - 130		
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2072		mg/Kg		104	70 - 130		
o-Xylene	<0.00201	U	0.0998	0.1061		mg/Kg		106	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 880-26165-A-1-I MSD
Matrix: Solid
Analysis Batch: 49344

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 49192

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.07931		mg/Kg		80	70 - 130	1	35
Toluene	<0.00201	U	0.0990	0.08058		mg/Kg		81	70 - 130	5	35
Ethylbenzene	<0.00201	U	0.0990	0.09423		mg/Kg		95	70 - 130	0	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.2060		mg/Kg		104	70 - 130	1	35
o-Xylene	<0.00201	U	0.0990	0.1055		mg/Kg		107	70 - 130	1	35

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

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

Lab Sample ID: 880-26165-A-1-I MSD
Matrix: Solid
Analysis Batch: 49344

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 49192

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-49216/5-A
Matrix: Solid
Analysis Batch: 49289

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49216

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/22/23 13:23	03/23/23 12:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/22/23 13:23	03/23/23 12:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/22/23 13:23	03/23/23 12:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/22/23 13:23	03/23/23 12:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/22/23 13:23	03/23/23 12:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/22/23 13:23	03/23/23 12:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	03/22/23 13:23	03/23/23 12:26	1
1,4-Difluorobenzene (Surr)	101		70 - 130	03/22/23 13:23	03/23/23 12:26	1

Lab Sample ID: LCS 880-49216/1-A
Matrix: Solid
Analysis Batch: 49289

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49216

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09819		mg/Kg		98	70 - 130		
Toluene			0.100	0.09454		mg/Kg		95	70 - 130		
Ethylbenzene			0.100	0.08635		mg/Kg		86	70 - 130		
m-Xylene & p-Xylene			0.200	0.1710		mg/Kg		85	70 - 130		
o-Xylene			0.100	0.08571		mg/Kg		86	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-49216/2-A
Matrix: Solid
Analysis Batch: 49289

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49216

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09773		mg/Kg		98	70 - 130	0	35
Toluene			0.100	0.09731		mg/Kg		97	70 - 130	3	35
Ethylbenzene			0.100	0.08515		mg/Kg		85	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.1677		mg/Kg		84	70 - 130	2	35
o-Xylene			0.100	0.08493		mg/Kg		85	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

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

Lab Sample ID: LCSD 880-49216/2-A
Matrix: Solid
Analysis Batch: 49289

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49216

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 890-4305-A-1-E MS
Matrix: Solid
Analysis Batch: 49289

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 49216

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.1082		mg/Kg		108	70 - 130
Toluene	<0.00200	U	0.0998	0.1073		mg/Kg		108	70 - 130
Ethylbenzene	<0.00200	U	0.0998	0.09314		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1848		mg/Kg		93	70 - 130
o-Xylene	<0.00200	U	0.0998	0.09348		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 890-4305-A-1-F MSD
Matrix: Solid
Analysis Batch: 49289

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 49216

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09784		mg/Kg		97	70 - 130	10	35
Toluene	<0.00200	U	0.100	0.09820		mg/Kg		98	70 - 130	9	35
Ethylbenzene	<0.00200	U	0.100	0.08628		mg/Kg		86	70 - 130	8	35
m-Xylene & p-Xylene	<0.00399	U	0.201	0.1710		mg/Kg		85	70 - 130	8	35
o-Xylene	<0.00200	U	0.100	0.08590		mg/Kg		86	70 - 130	8	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: MB 880-49328/5-A
Matrix: Solid
Analysis Batch: 49344

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49328

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/23/23 13:13	03/23/23 19:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/23/23 13:13	03/23/23 19:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/23/23 13:13	03/23/23 19:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/23/23 13:13	03/23/23 19:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/23/23 13:13	03/23/23 19:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/23/23 13:13	03/23/23 19:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	03/23/23 13:13	03/23/23 19:27	1
1,4-Difluorobenzene (Surr)	79		70 - 130	03/23/23 13:13	03/23/23 19:27	1

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

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

Lab Sample ID: MB 880-48600/1-A
Matrix: Solid
Analysis Batch: 48815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 48600

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 12:25	03/17/23 08:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/14/23 12:25	03/17/23 08:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 12:25	03/17/23 08:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*03/14/23 12:25*	*03/17/23 08:28*	*1*
o-Terphenyl	*106*		*70 - 130*	*03/14/23 12:25*	*03/17/23 08:28*	*1*

Lab Sample ID: LCS 880-48600/2-A
Matrix: Solid
Analysis Batch: 48815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 48600

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	872.2		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	951.3		mg/Kg		95	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*104*		*70 - 130*
o-Terphenyl	*115*		*70 - 130*

Lab Sample ID: LCSD 880-48600/3-A
Matrix: Solid
Analysis Batch: 48815

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 48600

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	846.6		mg/Kg		85	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	944.7		mg/Kg		94	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*114*		*70 - 130*

Lab Sample ID: 890-4288-1 MS
Matrix: Solid
Analysis Batch: 48815

Client Sample ID: S-2 (1-1.5)
Prep Type: Total/NA
Prep Batch: 48600

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	998	837.9		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	998	985.4		mg/Kg		99	70 - 130

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

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

Lab Sample ID: 890-4288-1 MS
Matrix: Solid
Analysis Batch: 48815

Client Sample ID: S-2 (1-1.5)
Prep Type: Total/NA
Prep Batch: 48600

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	127		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: 890-4288-1 MSD
Matrix: Solid
Analysis Batch: 48815

Client Sample ID: S-2 (1-1.5)
Prep Type: Total/NA
Prep Batch: 48600

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	999	1153	F2	mg/Kg		112	70 - 130	32	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1012		mg/Kg		101	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	128		70 - 130
o-Terphenyl	106		70 - 130

Lab Sample ID: MB 880-48610/1-A
Matrix: Solid
Analysis Batch: 48810

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 48610

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 12:44	03/17/23 09:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/14/23 12:44	03/17/23 09:49	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 12:44	03/17/23 09:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	03/14/23 12:44	03/17/23 09:49	1
o-Terphenyl	111		70 - 130	03/14/23 12:44	03/17/23 09:49	1

Lab Sample ID: LCS 880-48610/2-A
Matrix: Solid
Analysis Batch: 48810

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 48610

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	906.5		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	949.4		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	95		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

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

Lab Sample ID: LCSD 880-48610/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 48810 — **Prep Batch: 48610**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1041		mg/Kg		104	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			1000	1060		mg/Kg		106	70 - 130	11	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*117*		*70 - 130*
o-Terphenyl	*104*		*70 - 130*

Lab Sample ID: 890-4288-22 MS — **Client Sample ID: S-7 (2-2.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 48810 — **Prep Batch: 48610**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1034		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	789.5		mg/Kg		74	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*111*		*70 - 130*
o-Terphenyl	*86*		*70 - 130*

Lab Sample ID: 890-4288-22 MSD — **Client Sample ID: S-7 (2-2.5)**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 48810 — **Prep Batch: 48610**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1124		mg/Kg		113	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	878.5		mg/Kg		83	70 - 130	11	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*122*		*70 - 130*
o-Terphenyl	*96*		*70 - 130*

Lab Sample ID: MB 880-48613/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 48703 — **Prep Batch: 48613**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/14/23 13:39	03/16/23 20:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/14/23 13:39	03/16/23 20:06	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/14/23 13:39	03/16/23 20:06	1

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

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

Lab Sample ID: MB 880-48613/1-A
Matrix: Solid
Analysis Batch: 48703

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 48613

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	03/14/23 13:39	03/16/23 20:06	1
o-Terphenyl	98		70 - 130	03/14/23 13:39	03/16/23 20:06	1

Lab Sample ID: LCS 880-48613/2-A
Matrix: Solid
Analysis Batch: 48703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 48613

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	903.7		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1082		mg/Kg		108	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	104		70 - 130
o-Terphenyl	104		70 - 130

Lab Sample ID: LCSD 880-48613/3-A
Matrix: Solid
Analysis Batch: 48703

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 48613

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1037		mg/Kg		104	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			1000	1108		mg/Kg		111	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	101		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: 890-4288-41 MS
Matrix: Solid
Analysis Batch: 48703

Client Sample ID: S-12 (1-1.5)
Prep Type: Total/NA
Prep Batch: 48613

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	998	816.0		mg/Kg		82	70 - 130		
Diesel Range Organics (Over C10-C28)	75.8		998	889.7		mg/Kg		82	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	78		70 - 130
o-Terphenyl	80		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

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

Lab Sample ID: 890-4288-41 MSD
Matrix: Solid
Analysis Batch: 48703

Client Sample ID: S-12 (1-1.5)
Prep Type: Total/NA
Prep Batch: 48613

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	999	1076	F2	mg/Kg		108	70 - 130	27	20
Diesel Range Organics (Over C10-C28)	75.8		999	935.7		mg/Kg		86	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*81*		*70 - 130*
o-Terphenyl	*84*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-48620/1-A
Matrix: Solid
Analysis Batch: 49117

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/19/23 22:51	1

Lab Sample ID: LCS 880-48620/2-A
Matrix: Solid
Analysis Batch: 49117

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	265.1		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-48620/3-A
Matrix: Solid
Analysis Batch: 49117

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	265.3		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 890-4288-41 MS
Matrix: Solid
Analysis Batch: 49117

Client Sample ID: S-12 (1-1.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2270		1240	3582		mg/Kg		106	90 - 110

Lab Sample ID: 890-4288-41 MSD
Matrix: Solid
Analysis Batch: 49117

Client Sample ID: S-12 (1-1.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2270		1240	3592		mg/Kg		107	90 - 110	0	20

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-4288-51 MS — **Client Sample ID: S-14 (3-3.5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49117

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	414		249	675.2		mg/Kg		105	90 - 110

Lab Sample ID: 890-4288-51 MSD — **Client Sample ID: S-14 (3-3.5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49117

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	414		249	676.2		mg/Kg		105	90 - 110	0	20

Lab Sample ID: MB 880-48622/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49128

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/20/23 09:39	1

Lab Sample ID: LCS 880-48622/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49128

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	252.0		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-48622/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49128

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	253.0		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 890-4288-1 MS — **Client Sample ID: S-2 (1-1.5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49128

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	188		251	416.7		mg/Kg		91	90 - 110

Lab Sample ID: 890-4288-1 MSD — **Client Sample ID: S-2 (1-1.5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49128

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	188		251	417.3		mg/Kg		91	90 - 110	0	20

Lab Sample ID: 890-4288-11 MS — **Client Sample ID: S-4 (3-3.5)**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49128

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<4.95	U	248	249.5		mg/Kg		100	90 - 110

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-4288-11 MSD
Matrix: Solid
Analysis Batch: 49128

Client Sample ID: S-4 (3-3.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<4.95	U	248	250.1		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-48621/1-A
Matrix: Solid
Analysis Batch: 49131

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/20/23 15:28	1

Lab Sample ID: LCS 880-48621/2-A
Matrix: Solid
Analysis Batch: 49131

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	263.0		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-48621/3-A
Matrix: Solid
Analysis Batch: 49131

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	264.1		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 890-4288-21 MS
Matrix: Solid
Analysis Batch: 49131

Client Sample ID: S-7 (1-1.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4580		2500	6886		mg/Kg		92	90 - 110

Lab Sample ID: 890-4288-21 MSD
Matrix: Solid
Analysis Batch: 49131

Client Sample ID: S-7 (1-1.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4580		2500	6932		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 890-4288-31 MS
Matrix: Solid
Analysis Batch: 49131

Client Sample ID: S-9 (3-3.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3150		1250	4333		mg/Kg		95	90 - 110

Lab Sample ID: 890-4288-31 MSD
Matrix: Solid
Analysis Batch: 49131

Client Sample ID: S-9 (3-3.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3150		1250	4324		mg/Kg		94	90 - 110	0	20

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

GC VOA

Prep Batch: 48857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-48857/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 49035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-1	S-2 (1-1.5)	Total/NA	Solid	5035	
890-4288-2	S-2 (2-2.5)	Total/NA	Solid	5035	
890-4288-3	S-2 (3-3.5)	Total/NA	Solid	5035	
890-4288-4	S-2 (4-4.5)	Total/NA	Solid	5035	
890-4288-5	S-3 (1-1.5)	Total/NA	Solid	5035	
890-4288-6	S-3 (2-2.5)	Total/NA	Solid	5035	
890-4288-7	S-3 (3-3.5)	Total/NA	Solid	5035	
890-4288-8	S-3 (4-4.5)	Total/NA	Solid	5035	
890-4288-9	S-4 (1-1.5)	Total/NA	Solid	5035	
890-4288-10	S-4 (2-2.5)	Total/NA	Solid	5035	
890-4288-11	S-4 (3-3.5)	Total/NA	Solid	5035	
890-4288-12	S-4 (4-4.5)	Total/NA	Solid	5035	
890-4288-13	S-5 (1-1.5)	Total/NA	Solid	5035	
MB 880-49035/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49035/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49035/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-25822-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-25822-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 49036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-15	S-5 (3-3.5)	Total/NA	Solid	5035	
890-4288-16	S-5 (4-4.5)	Total/NA	Solid	5035	
890-4288-17	S-6 (1-1.5)	Total/NA	Solid	5035	
890-4288-18	S-6 (2-2.5)	Total/NA	Solid	5035	
890-4288-19	S-6 (3-3.5)	Total/NA	Solid	5035	
890-4288-20	S-6 (4-4.5)	Total/NA	Solid	5035	
890-4288-21	S-7 (1-1.5)	Total/NA	Solid	5035	
890-4288-22	S-7 (2-2.5)	Total/NA	Solid	5035	
890-4288-23	S-7 (3-3.5)	Total/NA	Solid	5035	
890-4288-24	S-7 (4-4.5)	Total/NA	Solid	5035	
890-4288-25	S-8 (1-1.5)	Total/NA	Solid	5035	
890-4288-26	S-8 (2-2.5)	Total/NA	Solid	5035	
890-4288-27	S-8 (3-3.5)	Total/NA	Solid	5035	
890-4288-28	S-8 (4-4.5)	Total/NA	Solid	5035	
890-4288-29	S-9 (1-1.5)	Total/NA	Solid	5035	
890-4288-30	S-9 (2-2.5)	Total/NA	Solid	5035	
890-4288-31	S-9 (3-3.5)	Total/NA	Solid	5035	
890-4288-32	S-9 (4-4.5)	Total/NA	Solid	5035	
890-4288-33	S-10 (1-1.5)	Total/NA	Solid	5035	
MB 880-49036/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49036/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49036/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4288-A-14-C MS	890-4288-A-14-C MS	Total/NA	Solid	5035	
890-4288-A-14-D MSD	890-4288-A-14-D MSD	Total/NA	Solid	5035	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

GC VOA

Prep Batch: 49038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-34	S-10 (2-2.5)	Total/NA	Solid	5035	
890-4288-35	S-10 (3-3.5)	Total/NA	Solid	5035	
890-4288-36	S-10 (4-4.5)	Total/NA	Solid	5035	
890-4288-37	S-11 (1-1.5)	Total/NA	Solid	5035	
890-4288-38	S-11 (2-2.5)	Total/NA	Solid	5035	
890-4288-39	S-11 (3-3.5)	Total/NA	Solid	5035	
890-4288-40	S-11 (4-4.5)	Total/NA	Solid	5035	
890-4288-41	S-12 (1-1.5)	Total/NA	Solid	5035	
890-4288-42	S-12 (2-2.5)	Total/NA	Solid	5035	
890-4288-43	S-12 (3-3.5)	Total/NA	Solid	5035	
890-4288-44	S-12 (4-4.5)	Total/NA	Solid	5035	
890-4288-45	S-13 (1-1.5)	Total/NA	Solid	5035	
890-4288-46	S-13 (2-2.5)	Total/NA	Solid	5035	
890-4288-47	S-13 (3-3.5)	Total/NA	Solid	5035	
890-4288-48	S-13 (4-4.5)	Total/NA	Solid	5035	
890-4288-49	S-14 (1-1.5)	Total/NA	Solid	5035	
890-4288-50	S-14 (2-2.5)	Total/NA	Solid	5035	
890-4288-51	S-14 (3-3.5)	Total/NA	Solid	5035	
890-4288-52	S-14 (4-4.5)	Total/NA	Solid	5035	
890-4288-53	S-15 (1-1.5)	Total/NA	Solid	5035	
MB 880-49038/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49038/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49038/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4288-36 MS	S-10 (4-4.5)	Total/NA	Solid	5035	
890-4288-36 MSD	S-10 (4-4.5)	Total/NA	Solid	5035	

Analysis Batch: 49077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-54	S-15 (2-2.5)	Total/NA	Solid	8021B	49091
890-4288-55	S-15 (3-3.5)	Total/NA	Solid	8021B	49091
890-4288-56	S-15 (4-4.5)	Total/NA	Solid	8021B	49091
MB 880-49091/5-A	Method Blank	Total/NA	Solid	8021B	49091
LCS 880-49091/1-A	Lab Control Sample	Total/NA	Solid	8021B	49091
LCSD 880-49091/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49091
880-25818-A-41-H MS	Matrix Spike	Total/NA	Solid	8021B	49091
880-25818-A-41-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	49091

Prep Batch: 49091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-54	S-15 (2-2.5)	Total/NA	Solid	5035	
890-4288-55	S-15 (3-3.5)	Total/NA	Solid	5035	
890-4288-56	S-15 (4-4.5)	Total/NA	Solid	5035	
MB 880-49091/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49091/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49091/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-25818-A-41-H MS	Matrix Spike	Total/NA	Solid	5035	
880-25818-A-41-I MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 49106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-1	S-2 (1-1.5)	Total/NA	Solid	8021B	49035

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

GC VOA (Continued)

Analysis Batch: 49106 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-2	S-2 (2-2.5)	Total/NA	Solid	8021B	49035
890-4288-3	S-2 (3-3.5)	Total/NA	Solid	8021B	49035
890-4288-4	S-2 (4-4.5)	Total/NA	Solid	8021B	49035
890-4288-5	S-3 (1-1.5)	Total/NA	Solid	8021B	49035
890-4288-6	S-3 (2-2.5)	Total/NA	Solid	8021B	49035
890-4288-7	S-3 (3-3.5)	Total/NA	Solid	8021B	49035
890-4288-8	S-3 (4-4.5)	Total/NA	Solid	8021B	49035
890-4288-9	S-4 (1-1.5)	Total/NA	Solid	8021B	49035
890-4288-10	S-4 (2-2.5)	Total/NA	Solid	8021B	49035
890-4288-11	S-4 (3-3.5)	Total/NA	Solid	8021B	49035
890-4288-12	S-4 (4-4.5)	Total/NA	Solid	8021B	49035
890-4288-13	S-5 (1-1.5)	Total/NA	Solid	8021B	49035
MB 880-48857/5-A	Method Blank	Total/NA	Solid	8021B	48857
MB 880-49035/5-A	Method Blank	Total/NA	Solid	8021B	49035
LCS 880-49035/1-A	Lab Control Sample	Total/NA	Solid	8021B	49035
LCSD 880-49035/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49035
880-25822-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	49035
880-25822-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	49035

Analysis Batch: 49162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-15	S-5 (3-3.5)	Total/NA	Solid	8021B	49036
890-4288-16	S-5 (4-4.5)	Total/NA	Solid	8021B	49036
890-4288-17	S-6 (1-1.5)	Total/NA	Solid	8021B	49036
890-4288-18	S-6 (2-2.5)	Total/NA	Solid	8021B	49036
890-4288-19	S-6 (3-3.5)	Total/NA	Solid	8021B	49036
890-4288-20	S-6 (4-4.5)	Total/NA	Solid	8021B	49036
890-4288-21	S-7 (1-1.5)	Total/NA	Solid	8021B	49036
890-4288-22	S-7 (2-2.5)	Total/NA	Solid	8021B	49036
890-4288-23	S-7 (3-3.5)	Total/NA	Solid	8021B	49036
890-4288-24	S-7 (4-4.5)	Total/NA	Solid	8021B	49036
890-4288-25	S-8 (1-1.5)	Total/NA	Solid	8021B	49036
890-4288-26	S-8 (2-2.5)	Total/NA	Solid	8021B	49036
890-4288-27	S-8 (3-3.5)	Total/NA	Solid	8021B	49036
890-4288-28	S-8 (4-4.5)	Total/NA	Solid	8021B	49036
890-4288-29	S-9 (1-1.5)	Total/NA	Solid	8021B	49036
890-4288-30	S-9 (2-2.5)	Total/NA	Solid	8021B	49036
890-4288-31	S-9 (3-3.5)	Total/NA	Solid	8021B	49036
890-4288-32	S-9 (4-4.5)	Total/NA	Solid	8021B	49036
890-4288-33	S-10 (1-1.5)	Total/NA	Solid	8021B	49036
890-4288-34	S-10 (2-2.5)	Total/NA	Solid	8021B	49038
890-4288-35	S-10 (3-3.5)	Total/NA	Solid	8021B	49038
890-4288-36	S-10 (4-4.5)	Total/NA	Solid	8021B	49038
890-4288-37	S-11 (1-1.5)	Total/NA	Solid	8021B	49038
890-4288-38	S-11 (2-2.5)	Total/NA	Solid	8021B	49038
890-4288-39	S-11 (3-3.5)	Total/NA	Solid	8021B	49038
890-4288-40	S-11 (4-4.5)	Total/NA	Solid	8021B	49038
890-4288-41	S-12 (1-1.5)	Total/NA	Solid	8021B	49038
890-4288-42	S-12 (2-2.5)	Total/NA	Solid	8021B	49038
890-4288-43	S-12 (3-3.5)	Total/NA	Solid	8021B	49038
890-4288-44	S-12 (4-4.5)	Total/NA	Solid	8021B	49038

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

GC VOA (Continued)

Analysis Batch: 49162 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-45	S-13 (1-1.5)	Total/NA	Solid	8021B	49038
890-4288-46	S-13 (2-2.5)	Total/NA	Solid	8021B	49038
890-4288-47	S-13 (3-3.5)	Total/NA	Solid	8021B	49038
890-4288-48	S-13 (4-4.5)	Total/NA	Solid	8021B	49038
890-4288-49	S-14 (1-1.5)	Total/NA	Solid	8021B	49038
890-4288-50	S-14 (2-2.5)	Total/NA	Solid	8021B	49038
890-4288-51	S-14 (3-3.5)	Total/NA	Solid	8021B	49038
890-4288-52	S-14 (4-4.5)	Total/NA	Solid	8021B	49038
890-4288-53	S-15 (1-1.5)	Total/NA	Solid	8021B	49038
MB 880-49036/5-A	Method Blank	Total/NA	Solid	8021B	49036
MB 880-49038/5-A	Method Blank	Total/NA	Solid	8021B	49038
LCS 880-49036/1-A	Lab Control Sample	Total/NA	Solid	8021B	49036
LCS 880-49038/1-A	Lab Control Sample	Total/NA	Solid	8021B	49038
LCSD 880-49036/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49036
LCSD 880-49038/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49038
890-4288-36 MS	S-10 (4-4.5)	Total/NA	Solid	8021B	49038
890-4288-36 MSD	S-10 (4-4.5)	Total/NA	Solid	8021B	49038
890-4288-A-14-C MS	890-4288-A-14-C MS	Total/NA	Solid	8021B	49036
890-4288-A-14-D MSD	890-4288-A-14-D MSD	Total/NA	Solid	8021B	49036

Prep Batch: 49192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-25	S-8 (1-1.5)	Total/NA	Solid	5035	
890-4288-26	S-8 (2-2.5)	Total/NA	Solid	5035	
890-4288-27	S-8 (3-3.5)	Total/NA	Solid	5035	
890-4288-34	S-10 (2-2.5)	Total/NA	Solid	5035	
MB 880-49192/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49192/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49192/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-26165-A-1-H MS	Matrix Spike	Total/NA	Solid	5035	
880-26165-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 49216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-14	S-5 (2-2.5)	Total/NA	Solid	5035	
MB 880-49216/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49216/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49216/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4305-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
890-4305-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 49289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-14	S-5 (2-2.5)	Total/NA	Solid	8021B	49216
MB 880-49216/5-A	Method Blank	Total/NA	Solid	8021B	49216
LCS 880-49216/1-A	Lab Control Sample	Total/NA	Solid	8021B	49216
LCSD 880-49216/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49216
890-4305-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	49216
890-4305-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	49216

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

GC VOA

Prep Batch: 49328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-49328/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 49344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-25	S-8 (1-1.5)	Total/NA	Solid	8021B	49192
890-4288-26	S-8 (2-2.5)	Total/NA	Solid	8021B	49192
890-4288-27	S-8 (3-3.5)	Total/NA	Solid	8021B	49192
890-4288-34	S-10 (2-2.5)	Total/NA	Solid	8021B	49192
MB 880-49192/5-A	Method Blank	Total/NA	Solid	8021B	49192
MB 880-49328/5-A	Method Blank	Total/NA	Solid	8021B	49328
LCS 880-49192/1-A	Lab Control Sample	Total/NA	Solid	8021B	49192
LCSD 880-49192/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49192
880-26165-A-1-H MS	Matrix Spike	Total/NA	Solid	8021B	49192
880-26165-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	49192

Analysis Batch: 49371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-1	S-2 (1-1.5)	Total/NA	Solid	Total BTEX	
890-4288-2	S-2 (2-2.5)	Total/NA	Solid	Total BTEX	
890-4288-3	S-2 (3-3.5)	Total/NA	Solid	Total BTEX	
890-4288-4	S-2 (4-4.5)	Total/NA	Solid	Total BTEX	
890-4288-5	S-3 (1-1.5)	Total/NA	Solid	Total BTEX	
890-4288-6	S-3 (2-2.5)	Total/NA	Solid	Total BTEX	
890-4288-7	S-3 (3-3.5)	Total/NA	Solid	Total BTEX	
890-4288-8	S-3 (4-4.5)	Total/NA	Solid	Total BTEX	
890-4288-9	S-4 (1-1.5)	Total/NA	Solid	Total BTEX	
890-4288-10	S-4 (2-2.5)	Total/NA	Solid	Total BTEX	
890-4288-11	S-4 (3-3.5)	Total/NA	Solid	Total BTEX	
890-4288-12	S-4 (4-4.5)	Total/NA	Solid	Total BTEX	
890-4288-13	S-5 (1-1.5)	Total/NA	Solid	Total BTEX	
890-4288-14	S-5 (2-2.5)	Total/NA	Solid	Total BTEX	
890-4288-15	S-5 (3-3.5)	Total/NA	Solid	Total BTEX	
890-4288-16	S-5 (4-4.5)	Total/NA	Solid	Total BTEX	
890-4288-17	S-6 (1-1.5)	Total/NA	Solid	Total BTEX	
890-4288-18	S-6 (2-2.5)	Total/NA	Solid	Total BTEX	
890-4288-19	S-6 (3-3.5)	Total/NA	Solid	Total BTEX	
890-4288-20	S-6 (4-4.5)	Total/NA	Solid	Total BTEX	
890-4288-21	S-7 (1-1.5)	Total/NA	Solid	Total BTEX	
890-4288-22	S-7 (2-2.5)	Total/NA	Solid	Total BTEX	
890-4288-23	S-7 (3-3.5)	Total/NA	Solid	Total BTEX	
890-4288-24	S-7 (4-4.5)	Total/NA	Solid	Total BTEX	
890-4288-25	S-8 (1-1.5)	Total/NA	Solid	Total BTEX	
890-4288-26	S-8 (2-2.5)	Total/NA	Solid	Total BTEX	
890-4288-27	S-8 (3-3.5)	Total/NA	Solid	Total BTEX	
890-4288-28	S-8 (4-4.5)	Total/NA	Solid	Total BTEX	
890-4288-29	S-9 (1-1.5)	Total/NA	Solid	Total BTEX	
890-4288-30	S-9 (2-2.5)	Total/NA	Solid	Total BTEX	
890-4288-31	S-9 (3-3.5)	Total/NA	Solid	Total BTEX	
890-4288-32	S-9 (4-4.5)	Total/NA	Solid	Total BTEX	
890-4288-33	S-10 (1-1.5)	Total/NA	Solid	Total BTEX	
890-4288-34	S-10 (2-2.5)	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

GC VOA (Continued)

Analysis Batch: 49371 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-35	S-10 (3-3.5)	Total/NA	Solid	Total BTEX	
890-4288-36	S-10 (4-4.5)	Total/NA	Solid	Total BTEX	
890-4288-37	S-11 (1-1.5)	Total/NA	Solid	Total BTEX	
890-4288-38	S-11 (2-2.5)	Total/NA	Solid	Total BTEX	
890-4288-39	S-11 (3-3.5)	Total/NA	Solid	Total BTEX	
890-4288-40	S-11 (4-4.5)	Total/NA	Solid	Total BTEX	
890-4288-41	S-12 (1-1.5)	Total/NA	Solid	Total BTEX	
890-4288-42	S-12 (2-2.5)	Total/NA	Solid	Total BTEX	
890-4288-43	S-12 (3-3.5)	Total/NA	Solid	Total BTEX	
890-4288-44	S-12 (4-4.5)	Total/NA	Solid	Total BTEX	
890-4288-45	S-13 (1-1.5)	Total/NA	Solid	Total BTEX	
890-4288-46	S-13 (2-2.5)	Total/NA	Solid	Total BTEX	
890-4288-47	S-13 (3-3.5)	Total/NA	Solid	Total BTEX	
890-4288-48	S-13 (4-4.5)	Total/NA	Solid	Total BTEX	
890-4288-49	S-14 (1-1.5)	Total/NA	Solid	Total BTEX	
890-4288-50	S-14 (2-2.5)	Total/NA	Solid	Total BTEX	
890-4288-51	S-14 (3-3.5)	Total/NA	Solid	Total BTEX	
890-4288-52	S-14 (4-4.5)	Total/NA	Solid	Total BTEX	
890-4288-53	S-15 (1-1.5)	Total/NA	Solid	Total BTEX	
890-4288-54	S-15 (2-2.5)	Total/NA	Solid	Total BTEX	
890-4288-55	S-15 (3-3.5)	Total/NA	Solid	Total BTEX	
890-4288-56	S-15 (4-4.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 48600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-1	S-2 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-4288-2	S-2 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4288-3	S-2 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-4288-4	S-2 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-4288-5	S-3 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-4288-6	S-3 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4288-7	S-3 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-4288-8	S-3 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-4288-9	S-4 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-4288-10	S-4 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4288-11	S-4 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-4288-12	S-4 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-4288-13	S-5 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-4288-14	S-5 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4288-15	S-5 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-4288-16	S-5 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-4288-17	S-6 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-4288-18	S-6 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4288-19	S-6 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-4288-20	S-6 (4-4.5)	Total/NA	Solid	8015NM Prep	
MB 880-48600/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-48600/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-48600/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-4288-1 MS	S-2 (1-1.5)	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

GC Semi VOA (Continued)

Prep Batch: 48600 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-1 MSD	S-2 (1-1.5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 48610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-21	S-7 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-4288-22	S-7 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4288-23	S-7 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-4288-24	S-7 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-4288-25	S-8 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-4288-26	S-8 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4288-27	S-8 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-4288-28	S-8 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-4288-29	S-9 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-4288-30	S-9 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4288-31	S-9 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-4288-32	S-9 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-4288-33	S-10 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-4288-34	S-10 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4288-35	S-10 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-4288-36	S-10 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-4288-37	S-11 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-4288-38	S-11 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4288-39	S-11 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-4288-40	S-11 (4-4.5)	Total/NA	Solid	8015NM Prep	
MB 880-48610/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-48610/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-48610/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-4288-22 MS	S-7 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4288-22 MSD	S-7 (2-2.5)	Total/NA	Solid	8015NM Prep	

Prep Batch: 48613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-41	S-12 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-4288-42	S-12 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4288-43	S-12 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-4288-44	S-12 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-4288-45	S-13 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-4288-46	S-13 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4288-47	S-13 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-4288-48	S-13 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-4288-49	S-14 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-4288-50	S-14 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4288-51	S-14 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-4288-52	S-14 (4-4.5)	Total/NA	Solid	8015NM Prep	
890-4288-53	S-15 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-4288-54	S-15 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-4288-55	S-15 (3-3.5)	Total/NA	Solid	8015NM Prep	
890-4288-56	S-15 (4-4.5)	Total/NA	Solid	8015NM Prep	
MB 880-48613/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-48613/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-48613/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

GC Semi VOA (Continued)

Prep Batch: 48613 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-41 MS	S-12 (1-1.5)	Total/NA	Solid	8015NM Prep	
890-4288-41 MSD	S-12 (1-1.5)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 48703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-41	S-12 (1-1.5)	Total/NA	Solid	8015B NM	48613
890-4288-42	S-12 (2-2.5)	Total/NA	Solid	8015B NM	48613
890-4288-43	S-12 (3-3.5)	Total/NA	Solid	8015B NM	48613
890-4288-44	S-12 (4-4.5)	Total/NA	Solid	8015B NM	48613
890-4288-45	S-13 (1-1.5)	Total/NA	Solid	8015B NM	48613
890-4288-46	S-13 (2-2.5)	Total/NA	Solid	8015B NM	48613
890-4288-47	S-13 (3-3.5)	Total/NA	Solid	8015B NM	48613
890-4288-48	S-13 (4-4.5)	Total/NA	Solid	8015B NM	48613
890-4288-49	S-14 (1-1.5)	Total/NA	Solid	8015B NM	48613
890-4288-50	S-14 (2-2.5)	Total/NA	Solid	8015B NM	48613
890-4288-51	S-14 (3-3.5)	Total/NA	Solid	8015B NM	48613
890-4288-52	S-14 (4-4.5)	Total/NA	Solid	8015B NM	48613
890-4288-53	S-15 (1-1.5)	Total/NA	Solid	8015B NM	48613
890-4288-54	S-15 (2-2.5)	Total/NA	Solid	8015B NM	48613
890-4288-55	S-15 (3-3.5)	Total/NA	Solid	8015B NM	48613
890-4288-56	S-15 (4-4.5)	Total/NA	Solid	8015B NM	48613
MB 880-48613/1-A	Method Blank	Total/NA	Solid	8015B NM	48613
LCS 880-48613/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	48613
LCSD 880-48613/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	48613
890-4288-41 MS	S-12 (1-1.5)	Total/NA	Solid	8015B NM	48613
890-4288-41 MSD	S-12 (1-1.5)	Total/NA	Solid	8015B NM	48613

Analysis Batch: 48810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-21	S-7 (1-1.5)	Total/NA	Solid	8015B NM	48610
890-4288-22	S-7 (2-2.5)	Total/NA	Solid	8015B NM	48610
890-4288-23	S-7 (3-3.5)	Total/NA	Solid	8015B NM	48610
890-4288-24	S-7 (4-4.5)	Total/NA	Solid	8015B NM	48610
890-4288-25	S-8 (1-1.5)	Total/NA	Solid	8015B NM	48610
890-4288-26	S-8 (2-2.5)	Total/NA	Solid	8015B NM	48610
890-4288-27	S-8 (3-3.5)	Total/NA	Solid	8015B NM	48610
890-4288-28	S-8 (4-4.5)	Total/NA	Solid	8015B NM	48610
890-4288-29	S-9 (1-1.5)	Total/NA	Solid	8015B NM	48610
890-4288-30	S-9 (2-2.5)	Total/NA	Solid	8015B NM	48610
890-4288-31	S-9 (3-3.5)	Total/NA	Solid	8015B NM	48610
890-4288-32	S-9 (4-4.5)	Total/NA	Solid	8015B NM	48610
890-4288-33	S-10 (1-1.5)	Total/NA	Solid	8015B NM	48610
890-4288-34	S-10 (2-2.5)	Total/NA	Solid	8015B NM	48610
890-4288-35	S-10 (3-3.5)	Total/NA	Solid	8015B NM	48610
890-4288-36	S-10 (4-4.5)	Total/NA	Solid	8015B NM	48610
890-4288-37	S-11 (1-1.5)	Total/NA	Solid	8015B NM	48610
890-4288-38	S-11 (2-2.5)	Total/NA	Solid	8015B NM	48610
890-4288-39	S-11 (3-3.5)	Total/NA	Solid	8015B NM	48610
890-4288-40	S-11 (4-4.5)	Total/NA	Solid	8015B NM	48610
MB 880-48610/1-A	Method Blank	Total/NA	Solid	8015B NM	48610
LCS 880-48610/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	48610

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

GC Semi VOA (Continued)

Analysis Batch: 48810 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-48610/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	48610
890-4288-22 MS	S-7 (2-2.5)	Total/NA	Solid	8015B NM	48610
890-4288-22 MSD	S-7 (2-2.5)	Total/NA	Solid	8015B NM	48610

Analysis Batch: 48815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-1	S-2 (1-1.5)	Total/NA	Solid	8015B NM	48600
890-4288-2	S-2 (2-2.5)	Total/NA	Solid	8015B NM	48600
890-4288-3	S-2 (3-3.5)	Total/NA	Solid	8015B NM	48600
890-4288-4	S-2 (4-4.5)	Total/NA	Solid	8015B NM	48600
890-4288-5	S-3 (1-1.5)	Total/NA	Solid	8015B NM	48600
890-4288-6	S-3 (2-2.5)	Total/NA	Solid	8015B NM	48600
890-4288-7	S-3 (3-3.5)	Total/NA	Solid	8015B NM	48600
890-4288-8	S-3 (4-4.5)	Total/NA	Solid	8015B NM	48600
890-4288-9	S-4 (1-1.5)	Total/NA	Solid	8015B NM	48600
890-4288-10	S-4 (2-2.5)	Total/NA	Solid	8015B NM	48600
890-4288-11	S-4 (3-3.5)	Total/NA	Solid	8015B NM	48600
890-4288-12	S-4 (4-4.5)	Total/NA	Solid	8015B NM	48600
890-4288-13	S-5 (1-1.5)	Total/NA	Solid	8015B NM	48600
890-4288-14	S-5 (2-2.5)	Total/NA	Solid	8015B NM	48600
890-4288-15	S-5 (3-3.5)	Total/NA	Solid	8015B NM	48600
890-4288-16	S-5 (4-4.5)	Total/NA	Solid	8015B NM	48600
890-4288-17	S-6 (1-1.5)	Total/NA	Solid	8015B NM	48600
890-4288-18	S-6 (2-2.5)	Total/NA	Solid	8015B NM	48600
890-4288-19	S-6 (3-3.5)	Total/NA	Solid	8015B NM	48600
890-4288-20	S-6 (4-4.5)	Total/NA	Solid	8015B NM	48600
MB 880-48600/1-A	Method Blank	Total/NA	Solid	8015B NM	48600
LCS 880-48600/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	48600
LCSD 880-48600/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	48600
890-4288-1 MS	S-2 (1-1.5)	Total/NA	Solid	8015B NM	48600
890-4288-1 MSD	S-2 (1-1.5)	Total/NA	Solid	8015B NM	48600

Analysis Batch: 49094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-1	S-2 (1-1.5)	Total/NA	Solid	8015 NM	
890-4288-2	S-2 (2-2.5)	Total/NA	Solid	8015 NM	
890-4288-3	S-2 (3-3.5)	Total/NA	Solid	8015 NM	
890-4288-4	S-2 (4-4.5)	Total/NA	Solid	8015 NM	
890-4288-5	S-3 (1-1.5)	Total/NA	Solid	8015 NM	
890-4288-6	S-3 (2-2.5)	Total/NA	Solid	8015 NM	
890-4288-7	S-3 (3-3.5)	Total/NA	Solid	8015 NM	
890-4288-8	S-3 (4-4.5)	Total/NA	Solid	8015 NM	
890-4288-9	S-4 (1-1.5)	Total/NA	Solid	8015 NM	
890-4288-10	S-4 (2-2.5)	Total/NA	Solid	8015 NM	
890-4288-11	S-4 (3-3.5)	Total/NA	Solid	8015 NM	
890-4288-12	S-4 (4-4.5)	Total/NA	Solid	8015 NM	
890-4288-13	S-5 (1-1.5)	Total/NA	Solid	8015 NM	
890-4288-14	S-5 (2-2.5)	Total/NA	Solid	8015 NM	
890-4288-15	S-5 (3-3.5)	Total/NA	Solid	8015 NM	
890-4288-16	S-5 (4-4.5)	Total/NA	Solid	8015 NM	
890-4288-17	S-6 (1-1.5)	Total/NA	Solid	8015 NM	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

GC Semi VOA (Continued)

Analysis Batch: 49094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-18	S-6 (2-2.5)	Total/NA	Solid	8015 NM	
890-4288-19	S-6 (3-3.5)	Total/NA	Solid	8015 NM	
890-4288-20	S-6 (4-4.5)	Total/NA	Solid	8015 NM	
890-4288-21	S-7 (1-1.5)	Total/NA	Solid	8015 NM	
890-4288-22	S-7 (2-2.5)	Total/NA	Solid	8015 NM	
890-4288-23	S-7 (3-3.5)	Total/NA	Solid	8015 NM	
890-4288-24	S-7 (4-4.5)	Total/NA	Solid	8015 NM	
890-4288-25	S-8 (1-1.5)	Total/NA	Solid	8015 NM	
890-4288-26	S-8 (2-2.5)	Total/NA	Solid	8015 NM	
890-4288-27	S-8 (3-3.5)	Total/NA	Solid	8015 NM	
890-4288-28	S-8 (4-4.5)	Total/NA	Solid	8015 NM	
890-4288-29	S-9 (1-1.5)	Total/NA	Solid	8015 NM	
890-4288-30	S-9 (2-2.5)	Total/NA	Solid	8015 NM	
890-4288-31	S-9 (3-3.5)	Total/NA	Solid	8015 NM	
890-4288-32	S-9 (4-4.5)	Total/NA	Solid	8015 NM	
890-4288-33	S-10 (1-1.5)	Total/NA	Solid	8015 NM	
890-4288-34	S-10 (2-2.5)	Total/NA	Solid	8015 NM	
890-4288-35	S-10 (3-3.5)	Total/NA	Solid	8015 NM	
890-4288-36	S-10 (4-4.5)	Total/NA	Solid	8015 NM	
890-4288-37	S-11 (1-1.5)	Total/NA	Solid	8015 NM	
890-4288-38	S-11 (2-2.5)	Total/NA	Solid	8015 NM	
890-4288-39	S-11 (3-3.5)	Total/NA	Solid	8015 NM	
890-4288-40	S-11 (4-4.5)	Total/NA	Solid	8015 NM	
890-4288-41	S-12 (1-1.5)	Total/NA	Solid	8015 NM	
890-4288-42	S-12 (2-2.5)	Total/NA	Solid	8015 NM	
890-4288-44	S-12 (4-4.5)	Total/NA	Solid	8015 NM	
890-4288-45	S-13 (1-1.5)	Total/NA	Solid	8015 NM	
890-4288-46	S-13 (2-2.5)	Total/NA	Solid	8015 NM	
890-4288-47	S-13 (3-3.5)	Total/NA	Solid	8015 NM	
890-4288-48	S-13 (4-4.5)	Total/NA	Solid	8015 NM	
890-4288-49	S-14 (1-1.5)	Total/NA	Solid	8015 NM	
890-4288-50	S-14 (2-2.5)	Total/NA	Solid	8015 NM	
890-4288-51	S-14 (3-3.5)	Total/NA	Solid	8015 NM	
890-4288-52	S-14 (4-4.5)	Total/NA	Solid	8015 NM	
890-4288-53	S-15 (1-1.5)	Total/NA	Solid	8015 NM	
890-4288-54	S-15 (2-2.5)	Total/NA	Solid	8015 NM	
890-4288-55	S-15 (3-3.5)	Total/NA	Solid	8015 NM	
890-4288-56	S-15 (4-4.5)	Total/NA	Solid	8015 NM	

Analysis Batch: 49233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-43	S-12 (3-3.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 48620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-41	S-12 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-42	S-12 (2-2.5)	Soluble	Solid	DI Leach	
890-4288-43	S-12 (3-3.5)	Soluble	Solid	DI Leach	
890-4288-44	S-12 (4-4.5)	Soluble	Solid	DI Leach	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

HPLC/IC (Continued)

Leach Batch: 48620 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-45	S-13 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-46	S-13 (2-2.5)	Soluble	Solid	DI Leach	
890-4288-47	S-13 (3-3.5)	Soluble	Solid	DI Leach	
890-4288-48	S-13 (4-4.5)	Soluble	Solid	DI Leach	
890-4288-49	S-14 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-50	S-14 (2-2.5)	Soluble	Solid	DI Leach	
890-4288-51	S-14 (3-3.5)	Soluble	Solid	DI Leach	
890-4288-52	S-14 (4-4.5)	Soluble	Solid	DI Leach	
890-4288-53	S-15 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-54	S-15 (2-2.5)	Soluble	Solid	DI Leach	
890-4288-55	S-15 (3-3.5)	Soluble	Solid	DI Leach	
890-4288-56	S-15 (4-4.5)	Soluble	Solid	DI Leach	
MB 880-48620/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-48620/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-48620/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-4288-41 MS	S-12 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-41 MSD	S-12 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-51 MS	S-14 (3-3.5)	Soluble	Solid	DI Leach	
890-4288-51 MSD	S-14 (3-3.5)	Soluble	Solid	DI Leach	

Leach Batch: 48621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-21	S-7 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-22	S-7 (2-2.5)	Soluble	Solid	DI Leach	
890-4288-23	S-7 (3-3.5)	Soluble	Solid	DI Leach	
890-4288-24	S-7 (4-4.5)	Soluble	Solid	DI Leach	
890-4288-25	S-8 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-26	S-8 (2-2.5)	Soluble	Solid	DI Leach	
890-4288-27	S-8 (3-3.5)	Soluble	Solid	DI Leach	
890-4288-28	S-8 (4-4.5)	Soluble	Solid	DI Leach	
890-4288-29	S-9 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-30	S-9 (2-2.5)	Soluble	Solid	DI Leach	
890-4288-31	S-9 (3-3.5)	Soluble	Solid	DI Leach	
890-4288-32	S-9 (4-4.5)	Soluble	Solid	DI Leach	
890-4288-33	S-10 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-34	S-10 (2-2.5)	Soluble	Solid	DI Leach	
890-4288-35	S-10 (3-3.5)	Soluble	Solid	DI Leach	
890-4288-36	S-10 (4-4.5)	Soluble	Solid	DI Leach	
890-4288-37	S-11 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-38	S-11 (2-2.5)	Soluble	Solid	DI Leach	
890-4288-39	S-11 (3-3.5)	Soluble	Solid	DI Leach	
890-4288-40	S-11 (4-4.5)	Soluble	Solid	DI Leach	
MB 880-48621/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-48621/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-48621/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-4288-21 MS	S-7 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-21 MSD	S-7 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-31 MS	S-9 (3-3.5)	Soluble	Solid	DI Leach	
890-4288-31 MSD	S-9 (3-3.5)	Soluble	Solid	DI Leach	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

HPLC/IC

Leach Batch: 48622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-1	S-2 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-2	S-2 (2-2.5)	Soluble	Solid	DI Leach	
890-4288-3	S-2 (3-3.5)	Soluble	Solid	DI Leach	
890-4288-4	S-2 (4-4.5)	Soluble	Solid	DI Leach	
890-4288-5	S-3 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-6	S-3 (2-2.5)	Soluble	Solid	DI Leach	
890-4288-7	S-3 (3-3.5)	Soluble	Solid	DI Leach	
890-4288-8	S-3 (4-4.5)	Soluble	Solid	DI Leach	
890-4288-9	S-4 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-10	S-4 (2-2.5)	Soluble	Solid	DI Leach	
890-4288-11	S-4 (3-3.5)	Soluble	Solid	DI Leach	
890-4288-12	S-4 (4-4.5)	Soluble	Solid	DI Leach	
890-4288-13	S-5 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-14	S-5 (2-2.5)	Soluble	Solid	DI Leach	
890-4288-15	S-5 (3-3.5)	Soluble	Solid	DI Leach	
890-4288-16	S-5 (4-4.5)	Soluble	Solid	DI Leach	
890-4288-17	S-6 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-18	S-6 (2-2.5)	Soluble	Solid	DI Leach	
890-4288-19	S-6 (3-3.5)	Soluble	Solid	DI Leach	
890-4288-20	S-6 (4-4.5)	Soluble	Solid	DI Leach	
MB 880-48622/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-48622/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-48622/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-4288-1 MS	S-2 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-1 MSD	S-2 (1-1.5)	Soluble	Solid	DI Leach	
890-4288-11 MS	S-4 (3-3.5)	Soluble	Solid	DI Leach	
890-4288-11 MSD	S-4 (3-3.5)	Soluble	Solid	DI Leach	

Analysis Batch: 49117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-41	S-12 (1-1.5)	Soluble	Solid	300.0	48620
890-4288-42	S-12 (2-2.5)	Soluble	Solid	300.0	48620
890-4288-43	S-12 (3-3.5)	Soluble	Solid	300.0	48620
890-4288-44	S-12 (4-4.5)	Soluble	Solid	300.0	48620
890-4288-45	S-13 (1-1.5)	Soluble	Solid	300.0	48620
890-4288-46	S-13 (2-2.5)	Soluble	Solid	300.0	48620
890-4288-47	S-13 (3-3.5)	Soluble	Solid	300.0	48620
890-4288-48	S-13 (4-4.5)	Soluble	Solid	300.0	48620
890-4288-49	S-14 (1-1.5)	Soluble	Solid	300.0	48620
890-4288-50	S-14 (2-2.5)	Soluble	Solid	300.0	48620
890-4288-51	S-14 (3-3.5)	Soluble	Solid	300.0	48620
890-4288-52	S-14 (4-4.5)	Soluble	Solid	300.0	48620
890-4288-53	S-15 (1-1.5)	Soluble	Solid	300.0	48620
890-4288-54	S-15 (2-2.5)	Soluble	Solid	300.0	48620
890-4288-55	S-15 (3-3.5)	Soluble	Solid	300.0	48620
890-4288-56	S-15 (4-4.5)	Soluble	Solid	300.0	48620
MB 880-48620/1-A	Method Blank	Soluble	Solid	300.0	48620
LCS 880-48620/2-A	Lab Control Sample	Soluble	Solid	300.0	48620
LCSD 880-48620/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	48620
890-4288-41 MS	S-12 (1-1.5)	Soluble	Solid	300.0	48620
890-4288-41 MSD	S-12 (1-1.5)	Soluble	Solid	300.0	48620

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

HPLC/IC (Continued)

Analysis Batch: 49117 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-51 MS	S-14 (3-3.5)	Soluble	Solid	300.0	48620
890-4288-51 MSD	S-14 (3-3.5)	Soluble	Solid	300.0	48620

Analysis Batch: 49128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-1	S-2 (1-1.5)	Soluble	Solid	300.0	48622
890-4288-2	S-2 (2-2.5)	Soluble	Solid	300.0	48622
890-4288-3	S-2 (3-3.5)	Soluble	Solid	300.0	48622
890-4288-4	S-2 (4-4.5)	Soluble	Solid	300.0	48622
890-4288-5	S-3 (1-1.5)	Soluble	Solid	300.0	48622
890-4288-6	S-3 (2-2.5)	Soluble	Solid	300.0	48622
890-4288-7	S-3 (3-3.5)	Soluble	Solid	300.0	48622
890-4288-8	S-3 (4-4.5)	Soluble	Solid	300.0	48622
890-4288-9	S-4 (1-1.5)	Soluble	Solid	300.0	48622
890-4288-10	S-4 (2-2.5)	Soluble	Solid	300.0	48622
890-4288-11	S-4 (3-3.5)	Soluble	Solid	300.0	48622
890-4288-12	S-4 (4-4.5)	Soluble	Solid	300.0	48622
890-4288-13	S-5 (1-1.5)	Soluble	Solid	300.0	48622
890-4288-14	S-5 (2-2.5)	Soluble	Solid	300.0	48622
890-4288-15	S-5 (3-3.5)	Soluble	Solid	300.0	48622
890-4288-16	S-5 (4-4.5)	Soluble	Solid	300.0	48622
890-4288-17	S-6 (1-1.5)	Soluble	Solid	300.0	48622
890-4288-18	S-6 (2-2.5)	Soluble	Solid	300.0	48622
890-4288-19	S-6 (3-3.5)	Soluble	Solid	300.0	48622
890-4288-20	S-6 (4-4.5)	Soluble	Solid	300.0	48622
MB 880-48622/1-A	Method Blank	Soluble	Solid	300.0	48622
LCS 880-48622/2-A	Lab Control Sample	Soluble	Solid	300.0	48622
LCSD 880-48622/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	48622
890-4288-1 MS	S-2 (1-1.5)	Soluble	Solid	300.0	48622
890-4288-1 MSD	S-2 (1-1.5)	Soluble	Solid	300.0	48622
890-4288-11 MS	S-4 (3-3.5)	Soluble	Solid	300.0	48622
890-4288-11 MSD	S-4 (3-3.5)	Soluble	Solid	300.0	48622

Analysis Batch: 49131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-21	S-7 (1-1.5)	Soluble	Solid	300.0	48621
890-4288-22	S-7 (2-2.5)	Soluble	Solid	300.0	48621
890-4288-23	S-7 (3-3.5)	Soluble	Solid	300.0	48621
890-4288-24	S-7 (4-4.5)	Soluble	Solid	300.0	48621
890-4288-25	S-8 (1-1.5)	Soluble	Solid	300.0	48621
890-4288-26	S-8 (2-2.5)	Soluble	Solid	300.0	48621
890-4288-27	S-8 (3-3.5)	Soluble	Solid	300.0	48621
890-4288-28	S-8 (4-4.5)	Soluble	Solid	300.0	48621
890-4288-29	S-9 (1-1.5)	Soluble	Solid	300.0	48621
890-4288-30	S-9 (2-2.5)	Soluble	Solid	300.0	48621
890-4288-31	S-9 (3-3.5)	Soluble	Solid	300.0	48621
890-4288-32	S-9 (4-4.5)	Soluble	Solid	300.0	48621
890-4288-33	S-10 (1-1.5)	Soluble	Solid	300.0	48621
890-4288-34	S-10 (2-2.5)	Soluble	Solid	300.0	48621
890-4288-35	S-10 (3-3.5)	Soluble	Solid	300.0	48621
890-4288-36	S-10 (4-4.5)	Soluble	Solid	300.0	48621

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

HPLC/IC (Continued)

Analysis Batch: 49131 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4288-37	S-11 (1-1.5)	Soluble	Solid	300.0	48621
890-4288-38	S-11 (2-2.5)	Soluble	Solid	300.0	48621
890-4288-39	S-11 (3-3.5)	Soluble	Solid	300.0	48621
890-4288-40	S-11 (4-4.5)	Soluble	Solid	300.0	48621
MB 880-48621/1-A	Method Blank	Soluble	Solid	300.0	48621
LCS 880-48621/2-A	Lab Control Sample	Soluble	Solid	300.0	48621
LCSD 880-48621/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	48621
890-4288-21 MS	S-7 (1-1.5)	Soluble	Solid	300.0	48621
890-4288-21 MSD	S-7 (1-1.5)	Soluble	Solid	300.0	48621
890-4288-31 MS	S-9 (3-3.5)	Soluble	Solid	300.0	48621
890-4288-31 MSD	S-9 (3-3.5)	Soluble	Solid	300.0	48621

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-2 (1-1.5)

Lab Sample ID: 890-4288-1
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49035	03/20/23 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49106	03/22/23 03:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48600	03/14/23 12:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 11:06	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 09:54	SMC	EET MID

Client Sample ID: S-2 (2-2.5)

Lab Sample ID: 890-4288-2
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49035	03/20/23 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49106	03/22/23 03:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48600	03/14/23 12:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 12:14	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 10:08	SMC	EET MID

Client Sample ID: S-2 (3-3.5)

Lab Sample ID: 890-4288-3
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49035	03/20/23 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49106	03/22/23 04:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48600	03/14/23 12:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 12:36	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 10:13	SMC	EET MID

Client Sample ID: S-2 (4-4.5)

Lab Sample ID: 890-4288-4
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	49035	03/20/23 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49106	03/22/23 06:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-2 (4-4.5)

Lab Sample ID: 890-4288-4
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48600	03/14/23 12:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 12:57	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 10:18	SMC	EET MID

Client Sample ID: S-3 (1-1.5)

Lab Sample ID: 890-4288-5
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49035	03/20/23 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49106	03/22/23 06:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48600	03/14/23 12:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 13:19	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 10:22	SMC	EET MID

Client Sample ID: S-3 (2-2.5)

Lab Sample ID: 890-4288-6
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49035	03/20/23 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49106	03/22/23 06:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48600	03/14/23 12:25	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 13:41	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 10:37	SMC	EET MID

Client Sample ID: S-3 (3-3.5)

Lab Sample ID: 890-4288-7
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49035	03/20/23 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49106	03/22/23 07:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48600	03/14/23 12:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 14:03	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-3 (3-3.5)

Lab Sample ID: 890-4288-7
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 10:42	SMC	EET MID

Client Sample ID: S-3 (4-4.5)

Lab Sample ID: 890-4288-8
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49035	03/20/23 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49106	03/22/23 07:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48600	03/14/23 12:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 14:24	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 10:47	SMC	EET MID

Client Sample ID: S-4 (1-1.5)

Lab Sample ID: 890-4288-9
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49035	03/20/23 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49106	03/22/23 07:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48600	03/14/23 12:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 14:47	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 10:52	SMC	EET MID

Client Sample ID: S-4 (2-2.5)

Lab Sample ID: 890-4288-10
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49035	03/20/23 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49106	03/22/23 08:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48600	03/14/23 12:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 15:09	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 10:56	SMC	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-4 (3-3.5)

Lab Sample ID: 890-4288-11
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49035	03/20/23 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49106	03/22/23 08:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48600	03/14/23 12:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 15:53	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 14:00	SMC	EET MID

Client Sample ID: S-4 (4-4.5)

Lab Sample ID: 890-4288-12
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49035	03/20/23 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49106	03/22/23 08:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48600	03/14/23 12:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 16:15	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 14:15	SMC	EET MID

Client Sample ID: S-5 (1-1.5)

Lab Sample ID: 890-4288-13
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	49035	03/20/23 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49106	03/22/23 09:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48600	03/14/23 12:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 16:38	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 14:20	SMC	EET MID

Client Sample ID: S-5 (2-2.5)

Lab Sample ID: 890-4288-14
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49216	03/22/23 13:23	MNR	EET MID
Total/NA	Analysis	8021B		5	5 mL	5 mL	49289	03/23/23 16:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/24/23 08:51	MNR	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-5 (2-2.5)

Lab Sample ID: 890-4288-14
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48600	03/14/23 12:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 17:00	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 14:34	SMC	EET MID

Client Sample ID: S-5 (3-3.5)

Lab Sample ID: 890-4288-15
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/22/23 13:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48600	03/14/23 12:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 17:22	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 14:39	SMC	EET MID

Client Sample ID: S-5 (4-4.5)

Lab Sample ID: 890-4288-16
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/22/23 14:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48600	03/14/23 12:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 17:44	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 14:44	SMC	EET MID

Client Sample ID: S-6 (1-1.5)

Lab Sample ID: 890-4288-17
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/22/23 14:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48600	03/14/23 12:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 18:06	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-6 (1-1.5)

Lab Sample ID: 890-4288-17
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 14:49	SMC	EET MID

Client Sample ID: S-6 (2-2.5)

Lab Sample ID: 890-4288-18
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/22/23 14:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48600	03/14/23 12:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 18:28	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 14:54	SMC	EET MID

Client Sample ID: S-6 (3-3.5)

Lab Sample ID: 890-4288-19
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/22/23 15:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48600	03/14/23 12:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 18:50	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 14:59	SMC	EET MID

Client Sample ID: S-6 (4-4.5)

Lab Sample ID: 890-4288-20
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/22/23 15:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48600	03/14/23 12:26	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 19:12	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	48622	03/14/23 15:09	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49128	03/20/23 15:04	SMC	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-7 (1-1.5)

Lab Sample ID: 890-4288-21
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	49162	03/22/23 16:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	48810	03/17/23 14:18	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	49131	03/20/23 15:42	SMC	EET MID

Client Sample ID: S-7 (2-2.5)

Lab Sample ID: 890-4288-22
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/22/23 15:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48810	03/17/23 12:29	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49131	03/20/23 15:57	SMC	EET MID

Client Sample ID: S-7 (3-3.5)

Lab Sample ID: 890-4288-23
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/22/23 16:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48810	03/17/23 13:35	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49131	03/20/23 16:02	SMC	EET MID

Client Sample ID: S-7 (4-4.5)

Lab Sample ID: 890-4288-24
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/22/23 18:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-7 (4-4.5)

Lab Sample ID: 890-4288-24
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48810	03/17/23 13:57	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49131	03/20/23 16:07	SMC	EET MID

Client Sample ID: S-8 (1-1.5)

Lab Sample ID: 890-4288-25
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	49162	03/22/23 18:42	MNR	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	49192	03/22/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	49344	03/24/23 11:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	48810	03/17/23 14:39	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49131	03/20/23 16:11	SMC	EET MID

Client Sample ID: S-8 (2-2.5)

Lab Sample ID: 890-4288-26
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	49162	03/22/23 19:03	MNR	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	49192	03/22/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	49344	03/24/23 12:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	48810	03/17/23 15:01	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49131	03/20/23 16:26	SMC	EET MID

Client Sample ID: S-8 (3-3.5)

Lab Sample ID: 890-4288-27
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	49162	03/22/23 19:23	MNR	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-8 (3-3.5)

Lab Sample ID: 890-4288-27
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49192	03/22/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	49344	03/24/23 12:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	48810	03/17/23 15:21	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49131	03/20/23 16:31	SMC	EET MID

Client Sample ID: S-8 (4-4.5)

Lab Sample ID: 890-4288-28
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	49162	03/22/23 19:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48810	03/17/23 16:25	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49131	03/20/23 16:36	SMC	EET MID

Client Sample ID: S-9 (1-1.5)

Lab Sample ID: 890-4288-29
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	49162	03/22/23 20:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/25/23 16:25	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	48810	03/17/23 15:42	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49131	03/20/23 16:40	SMC	EET MID

Client Sample ID: S-9 (2-2.5)

Lab Sample ID: 890-4288-30
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	49162	03/22/23 20:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-9 (2-2.5)

Lab Sample ID: 890-4288-30
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	48810	03/17/23 17:31	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49131	03/20/23 16:45	SMC	EET MID

Client Sample ID: S-9 (3-3.5)

Lab Sample ID: 890-4288-31
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	49162	03/22/23 20:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	48810	03/17/23 17:52	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49131	03/20/23 16:50	SMC	EET MID

Client Sample ID: S-9 (4-4.5)

Lab Sample ID: 890-4288-32
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	49162	03/22/23 21:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	48810	03/17/23 18:14	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49131	03/20/23 17:05	SMC	EET MID

Client Sample ID: S-10 (1-1.5)

Lab Sample ID: 890-4288-33
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49036	03/20/23 16:11	MNR	EET MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	49162	03/22/23 21:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	48810	03/17/23 18:35	SM	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-10 (1-1.5)

Lab Sample ID: 890-4288-33
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49131	03/20/23 17:09	SMC	EET MID

Client Sample ID: S-10 (2-2.5)

Lab Sample ID: 890-4288-34
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	49162	03/23/23 03:20	MNR	EET MID
Total/NA	Prep	5035			4.99 g	5 mL	49192	03/22/23 11:22	MNR	EET MID
Total/NA	Analysis	8021B		250	5 mL	5 mL	49344	03/24/23 12:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	48810	03/17/23 18:57	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49131	03/20/23 17:24	SMC	EET MID

Client Sample ID: S-10 (3-3.5)

Lab Sample ID: 890-4288-35
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		25	5 mL	5 mL	49162	03/23/23 03:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48810	03/17/23 19:18	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49131	03/20/23 17:29	SMC	EET MID

Client Sample ID: S-10 (4-4.5)

Lab Sample ID: 890-4288-36
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 00:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48810	03/17/23 19:39	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-10 (4-4.5)

Lab Sample ID: 890-4288-36
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49131	03/20/23 17:34	SMC	EET MID

Client Sample ID: S-11 (1-1.5)

Lab Sample ID: 890-4288-37
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 00:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48810	03/17/23 16:03	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	49131	03/20/23 17:38	SMC	EET MID

Client Sample ID: S-11 (2-2.5)

Lab Sample ID: 890-4288-38
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 01:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48810	03/17/23 20:00	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49131	03/20/23 17:43	SMC	EET MID

Client Sample ID: S-11 (3-3.5)

Lab Sample ID: 890-4288-39
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 01:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48810	03/17/23 20:21	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49131	03/20/23 17:48	SMC	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-11 (4-4.5)

Lab Sample ID: 890-4288-40
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 01:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48610	03/14/23 12:44	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48810	03/17/23 20:42	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	48621	03/14/23 15:08	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49131	03/20/23 17:53	SMC	EET MID

Client Sample ID: S-12 (1-1.5)

Lab Sample ID: 890-4288-41
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 02:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48613	03/14/23 13:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48703	03/16/23 21:10	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	48620	03/14/23 15:04	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49117	03/19/23 23:06	SMC	EET MID

Client Sample ID: S-12 (2-2.5)

Lab Sample ID: 890-4288-42
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 02:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48613	03/14/23 13:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48703	03/16/23 22:15	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	48620	03/14/23 15:04	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49117	03/19/23 23:20	SMC	EET MID

Client Sample ID: S-12 (3-3.5)

Lab Sample ID: 890-4288-43
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 02:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-12 (3-3.5)

Lab Sample ID: 890-4288-43
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49233	03/22/23 16:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48613	03/14/23 13:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48703	03/16/23 22:36	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48620	03/14/23 15:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49117	03/19/23 23:25	SMC	EET MID

Client Sample ID: S-12 (4-4.5)

Lab Sample ID: 890-4288-44
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 05:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48613	03/14/23 13:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48703	03/16/23 22:58	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	48620	03/14/23 15:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49117	03/19/23 23:30	SMC	EET MID

Client Sample ID: S-13 (1-1.5)

Lab Sample ID: 890-4288-45
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 05:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48613	03/14/23 13:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48703	03/16/23 23:19	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	48620	03/14/23 15:04	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49117	03/19/23 23:35	SMC	EET MID

Client Sample ID: S-13 (2-2.5)

Lab Sample ID: 890-4288-46
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 05:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48613	03/14/23 13:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48703	03/16/23 23:40	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-13 (2-2.5)

Lab Sample ID: 890-4288-46
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	48620	03/14/23 15:04	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49117	03/19/23 23:49	SMC	EET MID

Client Sample ID: S-13 (3-3.5)

Lab Sample ID: 890-4288-47
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 06:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48613	03/14/23 13:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48703	03/17/23 00:01	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	48620	03/14/23 15:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49117	03/19/23 23:54	SMC	EET MID

Client Sample ID: S-13 (4-4.5)

Lab Sample ID: 890-4288-48
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 06:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48613	03/14/23 13:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48703	03/17/23 00:23	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48620	03/14/23 15:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49117	03/19/23 23:59	SMC	EET MID

Client Sample ID: S-14 (1-1.5)

Lab Sample ID: 890-4288-49
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 06:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48613	03/14/23 13:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48703	03/17/23 00:43	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	48620	03/14/23 15:04	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49117	03/20/23 00:04	SMC	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-14 (2-2.5)

Lab Sample ID: 890-4288-50
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 07:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48613	03/14/23 13:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48703	03/17/23 01:05	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	48620	03/14/23 15:04	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49117	03/20/23 00:09	SMC	EET MID

Client Sample ID: S-14 (3-3.5)

Lab Sample ID: 890-4288-51
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 07:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48613	03/14/23 13:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48703	03/17/23 01:48	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	48620	03/14/23 15:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49117	03/20/23 00:13	SMC	EET MID

Client Sample ID: S-14 (4-4.5)

Lab Sample ID: 890-4288-52
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 07:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:31	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48613	03/14/23 13:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48703	03/17/23 02:09	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	48620	03/14/23 15:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49117	03/20/23 00:28	SMC	EET MID

Client Sample ID: S-15 (1-1.5)

Lab Sample ID: 890-4288-53
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49038	03/20/23 16:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49162	03/23/23 08:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:36	MNR	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-15 (1-1.5)

Lab Sample ID: 890-4288-53
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10 g	10 mL	48613	03/14/23 13:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48703	03/17/23 02:31	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	48620	03/14/23 15:04	KS	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	49117	03/20/23 00:33	SMC	EET MID

Client Sample ID: S-15 (2-2.5)

Lab Sample ID: 890-4288-54
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49091	03/21/23 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49077	03/21/23 14:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:36	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48613	03/14/23 13:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48703	03/17/23 02:52	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	48620	03/14/23 15:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49117	03/20/23 00:47	SMC	EET MID

Client Sample ID: S-15 (3-3.5)

Lab Sample ID: 890-4288-55
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49091	03/21/23 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49077	03/21/23 14:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:36	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48613	03/14/23 13:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48703	03/17/23 03:13	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	48620	03/14/23 15:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49117	03/20/23 00:52	SMC	EET MID

Client Sample ID: S-15 (4-4.5)

Lab Sample ID: 890-4288-56
Matrix: Solid
Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	49091	03/21/23 09:28	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49077	03/21/23 15:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49371	03/26/23 08:36	MNR	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48613	03/14/23 13:39	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48703	03/17/23 03:34	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Client Sample ID: S-15 (4-4.5)

Date Collected: 03/10/23 00:00
Date Received: 03/10/23 15:55

Lab Sample ID: 890-4288-56

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	48620	03/14/23 15:04	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49117	03/20/23 00:57	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

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

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

Method Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-4288-1	S-2 (1-1.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-2	S-2 (2-2.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-3	S-2 (3-3.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-4	S-2 (4-4.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-5	S-3 (1-1.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-6	S-3 (2-2.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-7	S-3 (3-3.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-8	S-3 (4-4.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-9	S-4 (1-1.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-10	S-4 (2-2.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-11	S-4 (3-3.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-12	S-4 (4-4.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-13	S-5 (1-1.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-14	S-5 (2-2.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-15	S-5 (3-3.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-16	S-5 (4-4.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-17	S-6 (1-1.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-18	S-6 (2-2.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-19	S-6 (3-3.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-20	S-6 (4-4.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-21	S-7 (1-1.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-22	S-7 (2-2.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-23	S-7 (3-3.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-24	S-7 (4-4.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-25	S-8 (1-1.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-26	S-8 (2-2.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-27	S-8 (3-3.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-28	S-8 (4-4.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-29	S-9 (1-1.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-30	S-9 (2-2.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-31	S-9 (3-3.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-32	S-9 (4-4.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-33	S-10 (1-1.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-34	S-10 (2-2.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-35	S-10 (3-3.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-36	S-10 (4-4.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-37	S-11 (1-1.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-38	S-11 (2-2.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-39	S-11 (3-3.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-40	S-11 (4-4.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-41	S-12 (1-1.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-42	S-12 (2-2.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-43	S-12 (3-3.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-44	S-12 (4-4.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-45	S-13 (1-1.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-46	S-13 (2-2.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-47	S-13 (3-3.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-48	S-13 (4-4.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-49	S-14 (1-1.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-50	S-14 (2-2.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-51	S-14 (3-3.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-52	S-14 (4-4.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-53	S-15 (1-1.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-54	S-15 (2-2.5)	Solid	03/10/23 00:00	03/10/23 15:55

Sample Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4288-1
SDG: 226700

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-4288-55	S-15 (3-3.5)	Solid	03/10/23 00:00	03/10/23 15:55
890-4288-56	S-15 (4-4.5)	Solid	03/10/23 00:00	03/10/23 15:55

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

3/26/2023

Page 1 of 6

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level ☐ PST/U☐ TR☐P Le☐el

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County	Due Date:	
Sampler's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	IR#007
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	1.2
Total Containers:	56	Corrected Temperature:	1.0

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-2 (1-1.5')	3/10/2023		x		Grab/	1		x	x	x		
S-2 (2-2.5')	3/10/2023		x		Grab/	1		x	x	x		
S-2 (3-3.5')	3/10/2023		x		Grab/	1		x	x	x		
S-2 (4-4.5')	3/10/2023		x		Grab/	1		x	x	x		
S-3 (1-1.5')	3/10/2023		x		Grab/	1		x	x	x		
S-3 (2-2.5')	3/10/2023		x		Grab/	1		x	x	x		
S-3 (3-3.5')	3/10/2023		x		Grab/	1		x	x	x		
S-3 (4-4.5')	3/10/2023		x		Grab/	1		x	x	x		
S-4 (1-1.5')	3/10/2023		x		Grab/	1		x	x	x		
S-4 (2-2.5')	3/10/2023		x		Grab/	1		x	x	x		

Additional Comments: Billing Code: EAROPEMTX

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			3.10.23 1555	2		
3				4		
5				6		

Revised Date 05012020 Rev. 2020.1

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level I☐ PST/U☐ TR☐P Le☐el

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County	Due Date:	
Sampler's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes	No
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:	56	Corrected Temperature:		

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-4 (3-3.5')	3/10/2023		x		Grab/	1		x	x	x		
S-4 (4-4.5')	3/10/2023		x		Grab/	1		x	x	x		
S-5 (1-1.5')	3/10/2023		x		Grab/	1		x	x	x		
S-5 (2-2.5')	3/10/2023		x		Grab/	1		x	x	x		
S-5 (3-3.5')	3/10/2023		x		Grab/	1		x	x	x		
S-5 (4-4.5')	3/10/2023		x		Grab/	1		x	x	x		
S-6 (1-1.5')	3/10/2023		x		Grab/	1		x	x	x		
S-6 (2-2.5')	3/10/2023		x		Grab/	1		x	x	x		
S-6 (3-3.5')	3/10/2023		x		Grab/	1		x	x	x		
S-6 (4-4.5')	3/10/2023		x		Grab/	1		x	x	x		

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

3/26/2023

Page 3 of 6

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918 Email:		cmartin@earthstoneenergy.com

Work Order Comments

Program: UST/PS ☐ **PR** ☐ **Brownfie** ☐ **s** **R** ☐ **Supe** ☐

State of Project:

Reporting:Level ☐ Level ☐ PST/U ☐ TR ☐ P Le el

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	**Turn Around**	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County	Due Date:	
Sampler's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT	Temp Blank: Yes No	Wet Ice: Yes No
Received Intact:	Yes No	Thermometer ID:
Cooler Custody Seals:	Yes No N/A	Correction Factor:
Sample Custody Seals:	Yes No N/A	Temperature Reading:
Total Containers:	56	Corrected Temperature:

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-7 (1-1.5')	3/10/2023		x		Grab/	1		x	x	x		
S-7 (2-2.5')	3/10/2023		x		Grab/	1		x	x	x		
S-7 (3-3.5')	3/10/2023		x		Grab/	1		x	x	x		
S-7 (4-4.5')	3/10/2023		x		Grab/	1		x	x	x		
S-8 (1-1.5')	3/10/2023		x		Grab/	1		x	x	x		
S-8 (2-2.5')	3/10/2023		x		Grab/	1		x	x	x		
S-8 (3-3.5')	3/10/2023		x		Grab/	1		x	x	x		
S-8 (4-4.5')	3/10/2023		x		Grab/	1		x	x	x		
S-9 (1-1.5')	3/10/2023		x		Grab/	1		x	x	x		
S-9 (2-2.5')	3/10/2023		x		Grab/	1		x	x	x		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments

Program: UST/PS ☐ **PR** ☐ **Brownfie** ☐ **s** **R** ☐ **Supe** ☐

State of Project:

Reporting:Level ☐ Level ☐ PST/U ☐ TR ☐ P Le el

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County	Due Date:	
Sampler's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Received Intact:	Yes No	Thermometer ID:		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Temperature Reading:		
Total Containers:	56	Corrected Temperature:		

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD
S-9 (3-3.5')	3/10/2023		x		Grab/	1		x	x	x	
S-9 (4-4.5')	3/10/2023		x		Grab/	1		x	x	x	
S-10 (1-1.5')	3/10/2023		x		Grab/	1		x	x	x	
S-10 (2-2.5')	3/10/2023		x		Grab/	1		x	x	x	
S-10 (3-3.5')	3/10/2023		x		Grab/	1		x	x	x	
S-10 (4-4.5')	3/10/2023		x		Grab/	1		x	x	x	
S-11 (1-1.5')	3/10/2023		x		Grab/	1		x	x	x	
S-11 (2-2.5')	3/10/2023		x		Grab/	1		x	x	x	
S-11 (3-3.5')	3/10/2023		x		Grab/	1		x	x	x	
S-11 (4-4.5')	3/10/2023		x		Grab/	1		x	x	x	

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level ☐ PST/U☐ TR☐P Le☐l

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County	Due Date:	
Sampler's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:	56	Corrected Temperature:	

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-12 (1-1.5')	3/10/2023		x		Grab/	1		x	x	x		
S-12 (2-2.5')	3/10/2023		x		Grab/	1		x	x	x		
S-12 (3-3.5')	3/10/2023		x		Grab/	1		x	x	x		
S-12 (4-4.5')	3/10/2023		x		Grab/	1		x	x	x		
S-13 (1-1.5')	3/10/2023		x		Grab/	1		x	x	x		
S-13 (2-2.5')	3/10/2023		x		Grab/	1		x	x	x		
S-13 (3-3.5')	3/10/2023		x		Grab/	1		x	x	x		
S-13 (4-4.5')	3/10/2023		x		Grab/	1		x	x	x		
S-14 (1-1.5')	3/10/2023		x		Grab/	1		x	x	x		
S-14 (2-2.5')	3/10/2023		x		Grab/	1		x	x	x		

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level I☐ PST/U☐ TR☐P Le☐l

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County	Due Date:	
Sampler's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:	56	Corrected Temperature:	

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-14 (3-3.5')	3/10/2023		x		Grab/	1		x	x	x		
S-14 (4-4.5')	3/10/2023		x		Grab/	1		x	x	x		
S-15 (1-1.5')	3/10/2023		x		Grab/	1		x	x	x		
S-15 (2-2.5')	3/10/2023		x		Grab/	1		x	x	x		
S-15 (3-3.5')	3/10/2023		x		Grab/	1		x	x	x		
S-15 (4-4.5')	3/10/2023		x		Grab/	1		x	x	x		

Parameters

Preservative Codes

None: NO DI Water: H_2O

Cool: Cool MeOH: Me

HCL: HC HNO_3: HN

H_2S0_4: H_2 NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-4288-1
SDG Number: 226700

Login Number: 4288
List Number: 1
Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.		
Sample custody seals, if present, are intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the containers received and the COC.		
Samples are received within Holding Time (excluding tests with immediate HTs)		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").		

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-4288-1
SDG Number: 226700

Login Number: 4288
List Number: 2
Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	Refer to job narrative
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	N/A	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-4288-1
SDG Number: 226700

Login Number: 4288
List Number: 3
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 03/14/23 11:33 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Becky Haskell
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Generated 3/27/2023 3:38:17 PM

JOB DESCRIPTION

Diamondback 24-25 CTB
SDG NUMBER 226700

JOB NUMBER

890-4296-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 4/2/2025 11:15:09 AM

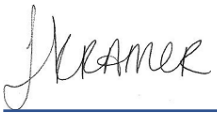
my EOL

Eurofins Carlsbad

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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3/27/2023 3:38:17 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Laboratory Job ID: 890-4296-1
SDG: 226700

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Definitions/Glossary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Job ID: 890-4296-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-4296-1

Receipt
The samples were received on 3/13/2023 4:47 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: S-7 (3') (890-4296-1), S-7 (5') (890-4296-2), S-7 (7') (890-4296-3), S-7 (9') (890-4296-4), S-7 (11') (890-4296-5), S-7 (13') (890-4296-6), S-8 (1') (890-4296-7), S-8 (3') (890-4296-8), S-8 (5') (890-4296-9), S-8 (7') (890-4296-10), S-8 (9') (890-4296-11), S-9 (2') (890-4296-12), S-9 (4') (890-4296-13), S-9 (6') (890-4296-14), S-9 (8') (890-4296-15), S-9 (10') (890-4296-16) and S-9 (12') (890-4296-17).

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: S-7 (3') (890-4296-1) and S-8 (1') (890-4296-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-49246 and analytical batch 880-49364 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-9 (2') (890-4296-12), S-9 (4') (890-4296-13), S-9 (6') (890-4296-14) and S-9 (8') (890-4296-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-8 (1') (890-4296-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-4295-A-12-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-8 (3') (890-4296-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-7 (3') (890-4296-1), S-8 (1') (890-4296-7) and S-9 (2') (890-4296-12). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-9 (4') (890-4296-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-9 (8') (890-4296-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

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

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-7 (3')

Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Lab Sample ID: 890-4296-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.403	U	0.403		mg/Kg		03/22/23 16:31	03/24/23 23:17	200
Toluene	**29.6**		0.403		mg/Kg		03/22/23 16:31	03/24/23 23:17	200
Ethylbenzene	**24.4**		0.403		mg/Kg		03/22/23 16:31	03/24/23 23:17	200
m-Xylene & p-Xylene	**50.1**		0.806		mg/Kg		03/22/23 16:31	03/24/23 23:17	200
o-Xylene	**25.0**		0.403		mg/Kg		03/22/23 16:31	03/24/23 23:17	200
Xylenes, Total	**75.1**		0.806		mg/Kg		03/22/23 16:31	03/24/23 23:17	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*177*	*S1+*	*70 - 130*	*03/22/23 16:31*	*03/24/23 23:17*	*200*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*03/22/23 16:31*	*03/24/23 23:17*	*200*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**129**		0.806		mg/Kg			03/25/23 16:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**13100**		250		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**2150**		250		mg/Kg		03/16/23 14:57	03/17/23 02:31	5
Diesel Range Organics (Over C10-C28)	**9680**		250		mg/Kg		03/16/23 14:57	03/17/23 02:31	5
Oil Range Organics (Over C28-C36)	**1310**		250		mg/Kg		03/16/23 14:57	03/17/23 02:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*179*	*S1+*	*70 - 130*	*03/16/23 14:57*	*03/17/23 02:31*	*5*
o-Terphenyl	*184*	*S1+*	*70 - 130*	*03/16/23 14:57*	*03/17/23 02:31*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**192**		5.04		mg/Kg			03/20/23 13:08	1

Client Sample ID: S-7 (5')

Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Lab Sample ID: 890-4296-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.200	U	0.200		mg/Kg		03/22/23 16:31	03/24/23 23:38	100
Toluene	**0.390**		0.200		mg/Kg		03/22/23 16:31	03/24/23 23:38	100
Ethylbenzene	**2.55**		0.200		mg/Kg		03/22/23 16:31	03/24/23 23:38	100
m-Xylene & p-Xylene	**6.27**		0.399		mg/Kg		03/22/23 16:31	03/24/23 23:38	100
o-Xylene	**3.05**		0.200		mg/Kg		03/22/23 16:31	03/24/23 23:38	100
Xylenes, Total	**9.32**		0.399		mg/Kg		03/22/23 16:31	03/24/23 23:38	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*03/22/23 16:31*	*03/24/23 23:38*	*100*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*03/22/23 16:31*	*03/24/23 23:38*	*100*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-7 (5')

Lab Sample ID: 890-4296-2
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	12.3		0.399		mg/Kg			03/25/23 16:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2470		49.9		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	388		49.9		mg/Kg		03/16/23 14:57	03/17/23 02:09	1
Diesel Range Organics (Over C10-C28)	1840		49.9		mg/Kg		03/16/23 14:57	03/17/23 02:09	1
Oil Range Organics (Over C28-C36)	244		49.9		mg/Kg		03/16/23 14:57	03/17/23 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 130*	*03/16/23 14:57*	*03/17/23 02:09*	*1*
o-Terphenyl	*130*		*70 - 130*	*03/16/23 14:57*	*03/17/23 02:09*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	182		5.02		mg/Kg			03/20/23 13:23	1

Client Sample ID: S-7 (7')

Lab Sample ID: 890-4296-3
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.199	U	0.199		mg/Kg		03/22/23 16:31	03/24/23 23:59	100
Toluene	<0.199	U	0.199		mg/Kg		03/22/23 16:31	03/24/23 23:59	100
Ethylbenzene	<0.199	U	0.199		mg/Kg		03/22/23 16:31	03/24/23 23:59	100
m-Xylene & p-Xylene	<0.398	U	0.398		mg/Kg		03/22/23 16:31	03/24/23 23:59	100
o-Xylene	<0.199	U	0.199		mg/Kg		03/22/23 16:31	03/24/23 23:59	100
Xylenes, Total	<0.398	U	0.398		mg/Kg		03/22/23 16:31	03/24/23 23:59	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*03/22/23 16:31*	*03/24/23 23:59*	*100*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*03/22/23 16:31*	*03/24/23 23:59*	*100*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.398	U	0.398		mg/Kg			03/25/23 16:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	100		50.0		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/16/23 14:57	03/16/23 22:36	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-7 (7')

Lab Sample ID: 890-4296-3
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	**100**		50.0		mg/Kg		03/16/23 14:57	03/16/23 22:36	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/23 14:57	03/16/23 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*03/16/23 14:57*	*03/16/23 22:36*	*1*
o-Terphenyl	*116*		*70 - 130*	*03/16/23 14:57*	*03/16/23 22:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1220**		24.9		mg/Kg			03/20/23 13:28	5

Client Sample ID: S-7 (9')

Lab Sample ID: 890-4296-4
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994		mg/Kg		03/22/23 16:31	03/25/23 00:20	50
Toluene	<0.0994	U	0.0994		mg/Kg		03/22/23 16:31	03/25/23 00:20	50
Ethylbenzene	<0.0994	U	0.0994		mg/Kg		03/22/23 16:31	03/25/23 00:20	50
m-Xylene & p-Xylene	<0.199	U	0.199		mg/Kg		03/22/23 16:31	03/25/23 00:20	50
o-Xylene	<0.0994	U	0.0994		mg/Kg		03/22/23 16:31	03/25/23 00:20	50
Xylenes, Total	<0.199	U	0.199		mg/Kg		03/22/23 16:31	03/25/23 00:20	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*03/22/23 16:31*	*03/25/23 00:20*	*50*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/22/23 16:31*	*03/25/23 00:20*	*50*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.199	U	0.199		mg/Kg			03/25/23 16:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/16/23 22:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/16/23 22:58	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/16/23 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*03/16/23 14:57*	*03/16/23 22:58*	*1*
o-Terphenyl	*113*		*70 - 130*	*03/16/23 14:57*	*03/16/23 22:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8260**		50.1		mg/Kg			03/20/23 13:33	10

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-7 (11')

Lab Sample ID: 890-4296-5
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0402	U	0.0402		mg/Kg		03/22/23 16:31	03/25/23 00:40	20
Toluene	<0.0402	U	0.0402		mg/Kg		03/22/23 16:31	03/25/23 00:40	20
Ethylbenzene	<0.0402	U	0.0402		mg/Kg		03/22/23 16:31	03/25/23 00:40	20
m-Xylene & p-Xylene	<0.0805	U	0.0805		mg/Kg		03/22/23 16:31	03/25/23 00:40	20
o-Xylene	<0.0402	U	0.0402		mg/Kg		03/22/23 16:31	03/25/23 00:40	20
Xylenes, Total	<0.0805	U	0.0805		mg/Kg		03/22/23 16:31	03/25/23 00:40	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*03/22/23 16:31*	*03/25/23 00:40*	*20*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*03/22/23 16:31*	*03/25/23 00:40*	*20*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0805	U	0.0805		mg/Kg			03/25/23 16:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**67.3**		49.9		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/16/23 23:19	1
Diesel Range Organics (Over C10-C28)	**67.3**		49.9		mg/Kg		03/16/23 14:57	03/16/23 23:19	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/16/23 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*03/16/23 14:57*	*03/16/23 23:19*	*1*
o-Terphenyl	*116*		*70 - 130*	*03/16/23 14:57*	*03/16/23 23:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8810**		49.8		mg/Kg			03/20/23 13:38	10

Client Sample ID: S-7 (13')

Lab Sample ID: 890-4296-6
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0399	U	0.0399		mg/Kg		03/22/23 16:31	03/25/23 01:01	20
Toluene	<0.0399	U	0.0399		mg/Kg		03/22/23 16:31	03/25/23 01:01	20
Ethylbenzene	<0.0399	U	0.0399		mg/Kg		03/22/23 16:31	03/25/23 01:01	20
m-Xylene & p-Xylene	<0.0798	U	0.0798		mg/Kg		03/22/23 16:31	03/25/23 01:01	20
o-Xylene	<0.0399	U	0.0399		mg/Kg		03/22/23 16:31	03/25/23 01:01	20
Xylenes, Total	<0.0798	U	0.0798		mg/Kg		03/22/23 16:31	03/25/23 01:01	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*03/22/23 16:31*	*03/25/23 01:01*	*20*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*03/22/23 16:31*	*03/25/23 01:01*	*20*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-7 (13')

Lab Sample ID: 890-4296-6
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0798	U	0.0798		mg/Kg			03/25/23 16:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**65.4**		49.9		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/16/23 23:40	1
Diesel Range Organics (Over C10-C28)	**65.4**		49.9		mg/Kg		03/16/23 14:57	03/16/23 23:40	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/16/23 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*100*		*70 - 130*	*03/16/23 14:57*	*03/16/23 23:40*	*1*
o-Terphenyl	*113*		*70 - 130*	*03/16/23 14:57*	*03/16/23 23:40*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7840**		49.9		mg/Kg			03/20/23 13:43	10

Client Sample ID: S-8 (1')

Lab Sample ID: 890-4296-7
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.01**		0.403		mg/Kg		03/22/23 16:31	03/25/23 01:22	200
Toluene	**85.5**		1.99		mg/Kg		03/26/23 17:10	03/27/23 02:19	1000
Ethylbenzene	**100**		1.99		mg/Kg		03/26/23 17:10	03/27/23 02:19	1000
m-Xylene & p-Xylene	**113**		0.806		mg/Kg		03/22/23 16:31	03/25/23 01:22	200
o-Xylene	**51.7**		0.403		mg/Kg		03/22/23 16:31	03/25/23 01:22	200
Xylenes, Total	**165**		0.806		mg/Kg		03/22/23 16:31	03/25/23 01:22	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*242*	*S1+*	*70 - 130*	*03/22/23 16:31*	*03/25/23 01:22*	*200*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*03/22/23 16:31*	*03/25/23 01:22*	*200*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**351**		1.99		mg/Kg			03/25/23 16:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**24200**		500		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**3730**		500		mg/Kg		03/16/23 14:57	03/17/23 02:52	10
Diesel Range Organics (Over C10-C28)	**17400**		500		mg/Kg		03/16/23 14:57	03/17/23 02:52	10

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-8 (1')

Lab Sample ID: 890-4296-7
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	3030		500		mg/Kg		03/16/23 14:57	03/17/23 02:52	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*273*	*S1+*	*70 - 130*	*03/16/23 14:57*	*03/17/23 02:52*	*10*
o-Terphenyl	*338*	*S1+*	*70 - 130*	*03/16/23 14:57*	*03/17/23 02:52*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.8		5.02		mg/Kg			03/20/23 13:48	1

Client Sample ID: S-8 (3')

Lab Sample ID: 890-4296-8
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/22/23 16:31	03/25/23 10:13	1
Toluene	0.00318		0.00198		mg/Kg		03/22/23 16:31	03/25/23 10:13	1
Ethylbenzene	0.00198		0.00198		mg/Kg		03/22/23 16:31	03/25/23 10:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/22/23 16:31	03/25/23 10:13	1
o-Xylene	0.00238		0.00198		mg/Kg		03/22/23 16:31	03/25/23 10:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/22/23 16:31	03/25/23 10:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/22/23 16:31*	*03/25/23 10:13*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*03/22/23 16:31*	*03/25/23 10:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00754		0.00396		mg/Kg			03/25/23 16:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/17/23 00:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/17/23 00:01	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/17/23 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*03/16/23 14:57*	*03/17/23 00:01*	*1*
o-Terphenyl	*137*	*S1+*	*70 - 130*	*03/16/23 14:57*	*03/17/23 00:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.3		5.00		mg/Kg			03/20/23 13:53	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-8 (5')

Lab Sample ID: 890-4296-9
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/22/23 16:31	03/25/23 12:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/22/23 16:31	03/25/23 12:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/22/23 16:31	03/25/23 12:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/22/23 16:31	03/25/23 12:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/22/23 16:31	03/25/23 12:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/22/23 16:31	03/25/23 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*03/22/23 16:31*	*03/25/23 12:18*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*03/22/23 16:31*	*03/25/23 12:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/25/23 16:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/17/23 00:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/17/23 00:23	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/17/23 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*03/16/23 14:57*	*03/17/23 00:23*	*1*
o-Terphenyl	*116*		*70 - 130*	*03/16/23 14:57*	*03/17/23 00:23*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.01	U	5.01		mg/Kg			03/20/23 14:44	1

Client Sample ID: S-8 (7')

Lab Sample ID: 890-4296-10
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00189	U	0.00189		mg/Kg		03/22/23 16:31	03/25/23 12:39	1
Toluene	<0.00189	U	0.00189		mg/Kg		03/22/23 16:31	03/25/23 12:39	1
Ethylbenzene	<0.00189	U	0.00189		mg/Kg		03/22/23 16:31	03/25/23 12:39	1
m-Xylene & p-Xylene	<0.00377	U	0.00377		mg/Kg		03/22/23 16:31	03/25/23 12:39	1
o-Xylene	<0.00189	U	0.00189		mg/Kg		03/22/23 16:31	03/25/23 12:39	1
Xylenes, Total	<0.00377	U	0.00377		mg/Kg		03/22/23 16:31	03/25/23 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*03/22/23 16:31*	*03/25/23 12:39*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*03/22/23 16:31*	*03/25/23 12:39*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-8 (7')

Lab Sample ID: 890-4296-10
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00377	U	0.00377		mg/Kg			03/25/23 16:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/17/23 00:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/17/23 00:43	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/17/23 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*102*		*70 - 130*	*03/16/23 14:57*	*03/17/23 00:43*	*1*
o-Terphenyl	*116*		*70 - 130*	*03/16/23 14:57*	*03/17/23 00:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/21/23 16:43	1

Client Sample ID: S-8 (9')

Lab Sample ID: 890-4296-11
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/22/23 16:31	03/25/23 13:00	1
Toluene	**0.00550**		0.00200		mg/Kg		03/22/23 16:31	03/25/23 13:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/22/23 16:31	03/25/23 13:00	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/22/23 16:31	03/25/23 13:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/22/23 16:31	03/25/23 13:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/22/23 16:31	03/25/23 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*03/22/23 16:31*	*03/25/23 13:00*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*03/22/23 16:31*	*03/25/23 13:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00550**		0.00401		mg/Kg			03/26/23 08:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/17/23 01:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/17/23 01:05	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-8 (9')

Lab Sample ID: 890-4296-11
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/16/23 14:57	03/17/23 01:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*104*		*70 - 130*	*03/16/23 14:57*	*03/17/23 01:05*	*1*
o-Terphenyl	*118*		*70 - 130*	*03/16/23 14:57*	*03/17/23 01:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			03/20/23 15:04	1

Client Sample ID: S-9 (2')

Lab Sample ID: 890-4296-12
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.20**		0.404		mg/Kg		03/22/23 16:31	03/25/23 13:21	200
Toluene	**71.0**		0.404		mg/Kg		03/22/23 16:31	03/25/23 13:21	200
Ethylbenzene	**60.2**		0.404		mg/Kg		03/22/23 16:31	03/25/23 13:21	200
m-Xylene & p-Xylene	**89.9**		0.808		mg/Kg		03/22/23 16:31	03/25/23 13:21	200
o-Xylene	**41.8**		0.404		mg/Kg		03/22/23 16:31	03/25/23 13:21	200
Xylenes, Total	**132**		0.808		mg/Kg		03/22/23 16:31	03/25/23 13:21	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*214*	*S1+*	*70 - 130*	*03/22/23 16:31*	*03/25/23 13:21*	*200*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*03/22/23 16:31*	*03/25/23 13:21*	*200*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**264**		0.808		mg/Kg			03/26/23 08:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**21900**		500		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**4140**		500		mg/Kg		03/16/23 14:57	03/17/23 03:13	10
Diesel Range Organics (Over C10-C28)	**15500**		500		mg/Kg		03/16/23 14:57	03/17/23 03:13	10
Oll Range Organics (Over C28-C36)	**2210**		500		mg/Kg		03/16/23 14:57	03/17/23 03:13	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*296*	*S1+*	*70 - 130*	*03/16/23 14:57*	*03/17/23 03:13*	*10*
o-Terphenyl	*298*	*S1+*	*70 - 130*	*03/16/23 14:57*	*03/17/23 03:13*	*10*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**59.2**		4.95		mg/Kg			03/20/23 15:10	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-9 (4')

Lab Sample ID: 890-4296-13
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.81		0.399		mg/Kg		03/22/23 16:31	03/25/23 13:41	200
Toluene	60.4		0.399		mg/Kg		03/22/23 16:31	03/25/23 13:41	200
Ethylbenzene	38.8		0.399		mg/Kg		03/22/23 16:31	03/25/23 13:41	200
m-Xylene & p-Xylene	64.1		0.798		mg/Kg		03/22/23 16:31	03/25/23 13:41	200
o-Xylene	26.6		0.399		mg/Kg		03/22/23 16:31	03/25/23 13:41	200
Xylenes, Total	90.7		0.798		mg/Kg		03/22/23 16:31	03/25/23 13:41	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*162*	*S1+*	*70 - 130*	*03/22/23 16:31*	*03/25/23 13:41*	*200*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/22/23 16:31*	*03/25/23 13:41*	*200*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	193		0.798		mg/Kg			03/26/23 08:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6870		250		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3110		250		mg/Kg		03/17/23 10:48	03/18/23 04:25	5
Diesel Range Organics (Over C10-C28)	3760		250		mg/Kg		03/17/23 10:48	03/18/23 04:25	5
OII Range Organics (Over C28-C36)	<250	U	250		mg/Kg		03/17/23 10:48	03/18/23 04:25	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*134*	*S1+*	*70 - 130*	*03/17/23 10:48*	*03/18/23 04:25*	*5*
o-Terphenyl	*119*		*70 - 130*	*03/17/23 10:48*	*03/18/23 04:25*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	237		5.00		mg/Kg			03/20/23 15:15	1

Client Sample ID: S-9 (6')

Lab Sample ID: 890-4296-14
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.962		0.402		mg/Kg		03/22/23 16:31	03/25/23 14:02	200
Toluene	41.7		0.402		mg/Kg		03/22/23 16:31	03/25/23 14:02	200
Ethylbenzene	34.3		0.402		mg/Kg		03/22/23 16:31	03/25/23 14:02	200
m-Xylene & p-Xylene	49.7		0.805		mg/Kg		03/22/23 16:31	03/25/23 14:02	200
o-Xylene	21.4		0.402		mg/Kg		03/22/23 16:31	03/25/23 14:02	200
Xylenes, Total	71.1		0.805		mg/Kg		03/22/23 16:31	03/25/23 14:02	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*03/22/23 16:31*	*03/25/23 14:02*	*200*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*03/22/23 16:31*	*03/25/23 14:02*	*200*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-9 (6')

Lab Sample ID: 890-4296-14
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	148		0.805		mg/Kg			03/26/23 08:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6440		250		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3060		250		mg/Kg		03/17/23 10:48	03/18/23 04:47	5
Diesel Range Organics (Over C10-C28)	3380		250		mg/Kg		03/17/23 10:48	03/18/23 04:47	5
OII Range Organics (Over C28-C36)	<250	U	250		mg/Kg		03/17/23 10:48	03/18/23 04:47	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*120*		*70 - 130*	*03/17/23 10:48*	*03/18/23 04:47*	*5*
o-Terphenyl	*118*		*70 - 130*	*03/17/23 10:48*	*03/18/23 04:47*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3110		25.0		mg/Kg			03/20/23 15:30	5

Client Sample ID: S-9 (8')

Lab Sample ID: 890-4296-15
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.96		0.402		mg/Kg		03/22/23 16:31	03/25/23 14:23	200
Toluene	123		1.99		mg/Kg		03/24/23 10:32	03/27/23 14:33	1000
Ethylbenzene	76.5		0.402		mg/Kg		03/22/23 16:31	03/25/23 14:23	200
m-Xylene & p-Xylene	85.9		0.805		mg/Kg		03/22/23 16:31	03/25/23 14:23	200
o-Xylene	36.8		0.402		mg/Kg		03/22/23 16:31	03/25/23 14:23	200
Xylenes, Total	123		0.805		mg/Kg		03/22/23 16:31	03/25/23 14:23	200

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*187*	*S1+*	*70 - 130*	*03/22/23 16:31*	*03/25/23 14:23*	*200*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*03/22/23 16:31*	*03/25/23 14:23*	*200*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	324		0.805		mg/Kg			03/26/23 08:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	8540		250		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	4800		250		mg/Kg		03/17/23 10:48	03/18/23 05:10	5
Diesel Range Organics (Over C10-C28)	3740		250		mg/Kg		03/17/23 10:48	03/18/23 05:10	5

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-9 (8')

Lab Sample ID: 890-4296-15
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<250	U	250		mg/Kg		03/17/23 10:48	03/18/23 05:10	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*03/17/23 10:48*	*03/18/23 05:10*	*5*
o-Terphenyl	*132*	*S1+*	*70 - 130*	*03/17/23 10:48*	*03/18/23 05:10*	*5*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2610**		24.8		mg/Kg			03/20/23 15:35	5

Client Sample ID: S-9 (10')

Lab Sample ID: 890-4296-16
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0401	U	0.0401		mg/Kg		03/22/23 16:31	03/25/23 14:44	20
Toluene	**0.138**		0.0401		mg/Kg		03/22/23 16:31	03/25/23 14:44	20
Ethylbenzene	**0.0602**		0.0401		mg/Kg		03/22/23 16:31	03/25/23 14:44	20
m-Xylene & p-Xylene	<0.0802	U	0.0802		mg/Kg		03/22/23 16:31	03/25/23 14:44	20
o-Xylene	<0.0401	U	0.0401		mg/Kg		03/22/23 16:31	03/25/23 14:44	20
Xylenes, Total	<0.0802	U	0.0802		mg/Kg		03/22/23 16:31	03/25/23 14:44	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*03/22/23 16:31*	*03/25/23 14:44*	*20*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*03/22/23 16:31*	*03/25/23 14:44*	*20*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.198**		0.0802		mg/Kg			03/26/23 08:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/17/23 10:48	03/18/23 04:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/17/23 10:48	03/18/23 04:02	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/17/23 10:48	03/18/23 04:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 130*	*03/17/23 10:48*	*03/18/23 04:02*	*1*
o-Terphenyl	*101*		*70 - 130*	*03/17/23 10:48*	*03/18/23 04:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1570**		24.9		mg/Kg			03/20/23 15:40	5

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-9 (12')

Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Lab Sample ID: 890-4296-17

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0568**		0.0396		mg/Kg		03/22/23 16:31	03/25/23 15:05	20
Toluene	<0.0396	U	0.0396		mg/Kg		03/22/23 16:31	03/25/23 15:05	20
Ethylbenzene	<0.0396	U	0.0396		mg/Kg		03/22/23 16:31	03/25/23 15:05	20
m-Xylene & p-Xylene	<0.0792	U	0.0792		mg/Kg		03/22/23 16:31	03/25/23 15:05	20
o-Xylene	<0.0396	U	0.0396		mg/Kg		03/22/23 16:31	03/25/23 15:05	20
Xylenes, Total	<0.0792	U	0.0792		mg/Kg		03/22/23 16:31	03/25/23 15:05	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*03/22/23 16:31*	*03/25/23 15:05*	*20*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*03/22/23 16:31*	*03/25/23 15:05*	*20*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0792	U	0.0792		mg/Kg			03/26/23 08:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**64.7**		49.9		mg/Kg			03/21/23 09:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/17/23 10:48	03/17/23 21:03	1
Diesel Range Organics (Over C10-C28)	**64.7**		49.9		mg/Kg		03/17/23 10:48	03/17/23 21:03	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/17/23 10:48	03/17/23 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*03/17/23 10:48*	*03/17/23 21:03*	*1*
o-Terphenyl	*100*		*70 - 130*	*03/17/23 10:48*	*03/17/23 21:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2630**		25.0		mg/Kg			03/20/23 15:45	5

Surrogate Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-25959-A-1-D MS	Matrix Spike	108	89
880-25959-A-1-E MSD	Matrix Spike Duplicate	103	92
890-4296-1	S-7 (3')	177 S1+	91
890-4296-2	S-7 (5')	132 S1+	92
890-4296-3	S-7 (7')	108	94
890-4296-4	S-7 (9')	114	100
890-4296-5	S-7 (11')	124	107
890-4296-6	S-7 (13')	117	104
890-4296-7	S-8 (1')	242 S1+	89
890-4296-8	S-8 (3')	104	86
890-4296-9	S-8 (5')	122	95
890-4296-10	S-8 (7')	85	85
890-4296-11	S-8 (9')	109	101
890-4296-12	S-9 (2')	214 S1+	92
890-4296-13	S-9 (4')	162 S1+	100
890-4296-14	S-9 (6')	151 S1+	88
890-4296-15	S-9 (8')	187 S1+	91
890-4296-16	S-9 (10')	120	108
890-4296-17	S-9 (12')	111	105
890-4297-A-1-D MS	Matrix Spike	112	94
890-4297-A-1-E MSD	Matrix Spike Duplicate	540 S1+	73
890-4308-A-5-D MS	Matrix Spike	110	92
890-4308-A-5-E MSD	Matrix Spike Duplicate	108	89
LCS 880-49246/1-A	Lab Control Sample	105	92
LCS 880-49395/1-A	Lab Control Sample	112	97
LCS 880-49552/1-A	Lab Control Sample	102	91
LCSD 880-49246/2-A	Lab Control Sample Dup	110	94
LCSD 880-49395/2-A	Lab Control Sample Dup	104	91
LCSD 880-49552/2-A	Lab Control Sample Dup	111	91
MB 880-49230/5-A	Method Blank	104	83
MB 880-49246/5-A	Method Blank	101	86
MB 880-49324/5-A	Method Blank	100	86
MB 880-49395/5-A	Method Blank	98	80
MB 880-49552/5-A	Method Blank	101	81

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-4295-A-12-B MS	Matrix Spike	129	130
890-4295-A-12-C MSD	Matrix Spike Duplicate	113	115
890-4296-1	S-7 (3')	179 S1+	184 S1+
890-4296-2	S-7 (5')	122	130
890-4296-3	S-7 (7')	101	116

Surrogate Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
890-4296-4	S-7 (9')	99	113								
890-4296-5	S-7 (11')	102	116								
890-4296-6	S-7 (13')	100	113								
890-4296-7	S-8 (1')	273 S1+	338 S1+								
890-4296-8	S-8 (3')	121	137 S1+								
890-4296-9	S-8 (5')	101	116								
890-4296-10	S-8 (7')	102	116								
890-4296-11	S-8 (9')	104	118								
890-4296-12	S-9 (2')	296 S1+	298 S1+								
890-4296-13	S-9 (4')	134 S1+	119								
890-4296-14	S-9 (6')	120	118								
890-4296-15	S-9 (8')	121	132 S1+								
890-4296-16	S-9 (10')	101	101								
890-4296-17	S-9 (12')	98	100								
890-4296-17 MS	S-9 (12')	125	106								
890-4296-17 MSD	S-9 (12')	97	98								
LCS 880-48780/2-A	Lab Control Sample	110	123								
LCS 880-48829/2-A	Lab Control Sample	97	111								
LCSD 880-48780/3-A	Lab Control Sample Dup	108	120								
LCSD 880-48829/3-A	Lab Control Sample Dup	102	113								
MB 880-48780/1-A	Method Blank	109	129								
MB 880-48829/1-A	Method Blank	112	114								

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-49230/5-A
Matrix: Solid
Analysis Batch: 49529

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49230

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/22/23 15:57	03/26/23 13:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/22/23 15:57	03/26/23 13:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/22/23 15:57	03/26/23 13:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/22/23 15:57	03/26/23 13:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/22/23 15:57	03/26/23 13:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/22/23 15:57	03/26/23 13:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/22/23 15:57*	*03/26/23 13:07*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*03/22/23 15:57*	*03/26/23 13:07*	*1*

Lab Sample ID: MB 880-49246/5-A
Matrix: Solid
Analysis Batch: 49364

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49246

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/22/23 16:31	03/24/23 21:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/22/23 16:31	03/24/23 21:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/22/23 16:31	03/24/23 21:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/22/23 16:31	03/24/23 21:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/22/23 16:31	03/24/23 21:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/22/23 16:31	03/24/23 21:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*03/22/23 16:31*	*03/24/23 21:53*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*03/22/23 16:31*	*03/24/23 21:53*	*1*

Lab Sample ID: LCS 880-49246/1-A
Matrix: Solid
Analysis Batch: 49364

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49246

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08374		mg/Kg		84	70 - 130
Toluene	0.100	0.08973		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.08791		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.1835		mg/Kg		92	70 - 130
o-Xylene	0.100	0.09362		mg/Kg		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: LCSD 880-49246/2-A
Matrix: Solid
Analysis Batch: 49364

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49246

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08588		mg/Kg		86	70 - 130	3	35

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

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

Lab Sample ID: LCSD 880-49246/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49364 — **Prep Batch: 49246**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09208		mg/Kg		92	70 - 130	3	35
Ethylbenzene			0.100	0.09292		mg/Kg		93	70 - 130	6	35
m-Xylene & p-Xylene			0.200	0.1954		mg/Kg		98	70 - 130	6	35
o-Xylene			0.100	0.09887		mg/Kg		99	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 890-4297-A-1-D MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49364 — **Prep Batch: 49246**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F1 F2	0.100	0.06676	F1	mg/Kg		66	70 - 130
Toluene	0.00789	F1 F2	0.100	0.07659	F1	mg/Kg		68	70 - 130
Ethylbenzene	0.00653	F1 F2	0.100	0.06807	F1	mg/Kg		61	70 - 130
m-Xylene & p-Xylene	0.0102	F1 F2	0.201	0.1448	F1	mg/Kg		67	70 - 130
o-Xylene	0.00601	F1 F2	0.100	0.07526	F1	mg/Kg		69	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 890-4297-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49364 — **Prep Batch: 49246**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F1 F2	0.0990	0.09833	F2	mg/Kg		99	70 - 130	38	35
Toluene	0.00789	F1 F2	0.0990	0.04805	F1 F2	mg/Kg		41	70 - 130	46	35
Ethylbenzene	0.00653	F1 F2	0.0990	0.1986	F1 F2	mg/Kg		194	70 - 130	98	35
m-Xylene & p-Xylene	0.0102	F1 F2	0.198	0.3069	F1 F2	mg/Kg		150	70 - 130	72	35
o-Xylene	0.00601	F1 F2	0.0990	0.2016	F1 F2	mg/Kg		198	70 - 130	91	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*540*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*

Lab Sample ID: MB 880-49324/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49364 — **Prep Batch: 49324**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/23/23 12:25	03/24/23 11:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/23/23 12:25	03/24/23 11:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/23/23 12:25	03/24/23 11:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/23/23 12:25	03/24/23 11:01	1

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QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

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

Lab Sample ID: MB 880-49324/5-A
Matrix: Solid
Analysis Batch: 49364

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49324

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/23/23 12:25	03/24/23 11:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/23/23 12:25	03/24/23 11:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*03/23/23 12:25*	*03/24/23 11:01*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*03/23/23 12:25*	*03/24/23 11:01*	*1*

Lab Sample ID: MB 880-49395/5-A
Matrix: Solid
Analysis Batch: 49565

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 49395

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/24/23 10:32	03/27/23 11:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/24/23 10:32	03/27/23 11:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/24/23 10:32	03/27/23 11:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/24/23 10:32	03/27/23 11:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/24/23 10:32	03/27/23 11:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/24/23 10:32	03/27/23 11:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*03/24/23 10:32*	*03/27/23 11:05*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*03/24/23 10:32*	*03/27/23 11:05*	*1*

Lab Sample ID: LCS 880-49395/1-A
Matrix: Solid
Analysis Batch: 49565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49395

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09176		mg/Kg		92	70 - 130		
Toluene			0.100	0.09833		mg/Kg		98	70 - 130		
Ethylbenzene			0.100	0.09729		mg/Kg		97	70 - 130		
m-Xylene & p-Xylene			0.200	0.2024		mg/Kg		101	70 - 130		
o-Xylene			0.100	0.1015		mg/Kg		102	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-49395/2-A
Matrix: Solid
Analysis Batch: 49565

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49395

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08376		mg/Kg		84	70 - 130	9	35
Toluene			0.100	0.09163		mg/Kg		92	70 - 130	7	35
Ethylbenzene			0.100	0.08997		mg/Kg		90	70 - 130	8	35
m-Xylene & p-Xylene			0.200	0.1879		mg/Kg		94	70 - 130	7	35
o-Xylene			0.100	0.09436		mg/Kg		94	70 - 130	7	35

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QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-25959-A-1-D MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49565 — **Prep Batch: 49395**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0998	0.08772		mg/Kg		88	70 - 130
Toluene	<0.00199	U	0.0998	0.09353		mg/Kg		94	70 - 130
Ethylbenzene	<0.00199	U	0.0998	0.08929		mg/Kg		89	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1887		mg/Kg		95	70 - 130
o-Xylene	<0.00199	U	0.0998	0.09274		mg/Kg		93	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-25959-A-1-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49565 — **Prep Batch: 49395**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.09134		mg/Kg		91	70 - 130	4	35
Toluene	<0.00199	U	0.100	0.09599		mg/Kg		96	70 - 130	3	35
Ethylbenzene	<0.00199	U	0.100	0.09204		mg/Kg		92	70 - 130	3	35
m-Xylene & p-Xylene	<0.00398	U	0.201	0.1852		mg/Kg		92	70 - 130	2	35
o-Xylene	<0.00199	U	0.100	0.09141		mg/Kg		91	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: MB 880-49552/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 49529 — **Prep Batch: 49552**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/26/23 23:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/26/23 23:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/26/23 23:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/26/23 17:10	03/26/23 23:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/26/23 17:10	03/26/23 23:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/26/23 17:10	03/26/23 23:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	03/26/23 17:10	03/26/23 23:54	1
1,4-Difluorobenzene (Surr)	81		70 - 130	03/26/23 17:10	03/26/23 23:54	1

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

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

Lab Sample ID: LCS 880-49552/1-A
Matrix: Solid
Analysis Batch: 49529

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 49552

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08510		mg/Kg		85	70 - 130		
Toluene			0.100	0.09072		mg/Kg		91	70 - 130		
Ethylbenzene			0.100	0.08643		mg/Kg		86	70 - 130		
m-Xylene & p-Xylene			0.200	0.1814		mg/Kg		91	70 - 130		
o-Xylene			0.100	0.09267		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 880-49552/2-A
Matrix: Solid
Analysis Batch: 49529

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 49552

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08482		mg/Kg		85	70 - 130	0	35
Toluene			0.100	0.09222		mg/Kg		92	70 - 130	2	35
Ethylbenzene			0.100	0.09247		mg/Kg		92	70 - 130	7	35
m-Xylene & p-Xylene			0.200	0.1967		mg/Kg		98	70 - 130	8	35
o-Xylene			0.100	0.1003		mg/Kg		100	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*

Lab Sample ID: 890-4308-A-5-D MS
Matrix: Solid
Analysis Batch: 49529

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 49552

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0998	0.08721		mg/Kg		87	70 - 130		
Toluene	<0.00200	U	0.0998	0.09370		mg/Kg		94	70 - 130		
Ethylbenzene	<0.00200	U	0.0998	0.09186		mg/Kg		92	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1944		mg/Kg		97	70 - 130		
o-Xylene	<0.00200	U	0.0998	0.09918		mg/Kg		99	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 890-4308-A-5-E MSD
Matrix: Solid
Analysis Batch: 49529

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 49552

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08641		mg/Kg		86	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.09289		mg/Kg		93	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.09261		mg/Kg		92	70 - 130	1	35

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QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

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

Lab Sample ID: 890-4308-A-5-E MSD
Matrix: Solid
Analysis Batch: 49529

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 49552

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1961		mg/Kg		98	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09979		mg/Kg		100	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

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

Lab Sample ID: MB 880-48780/1-A
Matrix: Solid
Analysis Batch: 48705

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 48780

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/16/23 14:57	03/16/23 20:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/16/23 14:57	03/16/23 20:06	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/16/23 14:57	03/16/23 20:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*109*		*70 - 130*	*03/16/23 14:57*	*03/16/23 20:06*	*1*
o-Terphenyl	*129*		*70 - 130*	*03/16/23 14:57*	*03/16/23 20:06*	*1*

Lab Sample ID: LCS 880-48780/2-A
Matrix: Solid
Analysis Batch: 48705

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 48780

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1129		mg/Kg		113	70 - 130
Diesel Range Organics (Over C10-C28)	1000	926.8		mg/Kg		93	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*110*		*70 - 130*
o-Terphenyl	*123*		*70 - 130*

Lab Sample ID: LCSD 880-48780/3-A
Matrix: Solid
Analysis Batch: 48705

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 48780

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1090		mg/Kg		109	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	902.1		mg/Kg		90	70 - 130	3	20

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

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

Lab Sample ID: LCSD 880-48780/3-A
Matrix: Solid
Analysis Batch: 48705

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 48780

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	108		70 - 130
o-Terphenyl	120		70 - 130

Lab Sample ID: 890-4295-A-12-B MS
Matrix: Solid
Analysis Batch: 48705

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 48780

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1179		mg/Kg		114	70 - 130		
Diesel Range Organics (Over C10-C28)	404		998	1258		mg/Kg		86	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	129		70 - 130
o-Terphenyl	130		70 - 130

Lab Sample ID: 890-4295-A-12-C MSD
Matrix: Solid
Analysis Batch: 48705

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 48780

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1009		mg/Kg		96	70 - 130	16	20
Diesel Range Organics (Over C10-C28)	404		999	1119		mg/Kg		72	70 - 130	12	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	115		70 - 130

Lab Sample ID: MB 880-48829/1-A
Matrix: Solid
Analysis Batch: 48815

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 48829

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/17/23 10:48	03/17/23 19:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/17/23 10:48	03/17/23 19:57	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/17/23 10:48	03/17/23 19:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	03/17/23 10:48	03/17/23 19:57	1
o-Terphenyl	114		70 - 130	03/17/23 10:48	03/17/23 19:57	1

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

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

Lab Sample ID: LCS 880-48829/2-A
Matrix: Solid
Analysis Batch: 48815

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 48829

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	955.3		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	911.3		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*97*		*70 - 130*
o-Terphenyl	*111*		*70 - 130*

Lab Sample ID: LCSD 880-48829/3-A
Matrix: Solid
Analysis Batch: 48815

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 48829

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	913.9		mg/Kg		91	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	936.7		mg/Kg		94	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*102*		*70 - 130*
o-Terphenyl	*113*		*70 - 130*

Lab Sample ID: 890-4296-17 MS
Matrix: Solid
Analysis Batch: 48815

Client Sample ID: S-9 (12')
Prep Type: Total/NA
Prep Batch: 48829

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1037		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)	64.7		998	1067		mg/Kg		100	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*125*		*70 - 130*
o-Terphenyl	*106*		*70 - 130*

Lab Sample ID: 890-4296-17 MSD
Matrix: Solid
Analysis Batch: 48815

Client Sample ID: S-9 (12')
Prep Type: Total/NA
Prep Batch: 48829

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	944.4		mg/Kg		93	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	64.7		999	976.8		mg/Kg		91	70 - 130	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*97*		*70 - 130*

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

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

Lab Sample ID: 890-4296-17 MSD
Matrix: Solid
Analysis Batch: 48815

Client Sample ID: S-9 (12')
Prep Type: Total/NA
Prep Batch: 48829

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl	98		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-48889/1-A
Matrix: Solid
Analysis Batch: 49132

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/20/23 11:22	1

Lab Sample ID: LCS 880-48889/2-A
Matrix: Solid
Analysis Batch: 49132

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	257.3		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-48889/3-A
Matrix: Solid
Analysis Batch: 49132

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	255.2		mg/Kg		102	90 - 110	1	20

Lab Sample ID: 890-4295-A-1-C MS
Matrix: Solid
Analysis Batch: 49132

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	7720		2490	10170		mg/Kg		98	90 - 110		

Lab Sample ID: 890-4295-A-1-D MSD
Matrix: Solid
Analysis Batch: 49132

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7720		2490	10150		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-4295-A-11-C MS
Matrix: Solid
Analysis Batch: 49132

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	10.3		251	250.8		mg/Kg		96	90 - 110		

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-4295-A-11-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49132

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.3		251	248.5		mg/Kg		95	90 - 110	1	20

Lab Sample ID: MB 880-48890/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49133

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			03/20/23 14:19	1

Lab Sample ID: LCS 880-48890/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49133

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	262.6		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-48890/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49133

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	257.6		mg/Kg		103	90 - 110	2	20

Lab Sample ID: 890-4296-9 MS — **Client Sample ID: S-8 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49133

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<5.01	U	251	271.7		mg/Kg		107	90 - 110

Lab Sample ID: 890-4296-9 MSD — **Client Sample ID: S-8 (5')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 49133

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<5.01	U	251	266.9		mg/Kg		105	90 - 110	2	20

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

GC VOA

Prep Batch: 49230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-49230/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 49246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4296-1	S-7 (3')	Total/NA	Solid	5035	
890-4296-2	S-7 (5')	Total/NA	Solid	5035	
890-4296-3	S-7 (7')	Total/NA	Solid	5035	
890-4296-4	S-7 (9')	Total/NA	Solid	5035	
890-4296-5	S-7 (11')	Total/NA	Solid	5035	
890-4296-6	S-7 (13')	Total/NA	Solid	5035	
890-4296-7	S-8 (1')	Total/NA	Solid	5035	
890-4296-8	S-8 (3')	Total/NA	Solid	5035	
890-4296-9	S-8 (5')	Total/NA	Solid	5035	
890-4296-10	S-8 (7')	Total/NA	Solid	5035	
890-4296-11	S-8 (9')	Total/NA	Solid	5035	
890-4296-12	S-9 (2')	Total/NA	Solid	5035	
890-4296-13	S-9 (4')	Total/NA	Solid	5035	
890-4296-14	S-9 (6')	Total/NA	Solid	5035	
890-4296-15	S-9 (8')	Total/NA	Solid	5035	
890-4296-16	S-9 (10')	Total/NA	Solid	5035	
890-4296-17	S-9 (12')	Total/NA	Solid	5035	
MB 880-49246/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49246/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49246/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-4297-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-4297-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 49324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-49324/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 49364

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4296-1	S-7 (3')	Total/NA	Solid	8021B	49246
890-4296-2	S-7 (5')	Total/NA	Solid	8021B	49246
890-4296-3	S-7 (7')	Total/NA	Solid	8021B	49246
890-4296-4	S-7 (9')	Total/NA	Solid	8021B	49246
890-4296-5	S-7 (11')	Total/NA	Solid	8021B	49246
890-4296-6	S-7 (13')	Total/NA	Solid	8021B	49246
890-4296-7	S-8 (1')	Total/NA	Solid	8021B	49246
890-4296-8	S-8 (3')	Total/NA	Solid	8021B	49246
890-4296-9	S-8 (5')	Total/NA	Solid	8021B	49246
890-4296-10	S-8 (7')	Total/NA	Solid	8021B	49246
890-4296-11	S-8 (9')	Total/NA	Solid	8021B	49246
890-4296-12	S-9 (2')	Total/NA	Solid	8021B	49246
890-4296-13	S-9 (4')	Total/NA	Solid	8021B	49246
890-4296-14	S-9 (6')	Total/NA	Solid	8021B	49246
890-4296-15	S-9 (8')	Total/NA	Solid	8021B	49246
890-4296-16	S-9 (10')	Total/NA	Solid	8021B	49246
890-4296-17	S-9 (12')	Total/NA	Solid	8021B	49246
MB 880-49246/5-A	Method Blank	Total/NA	Solid	8021B	49246

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

GC VOA (Continued)

Analysis Batch: 49364 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-49324/5-A	Method Blank	Total/NA	Solid	8021B	49324
LCS 880-49246/1-A	Lab Control Sample	Total/NA	Solid	8021B	49246
LCSD 880-49246/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49246
890-4297-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	49246
890-4297-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	49246

Prep Batch: 49395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4296-15	S-9 (8')	Total/NA	Solid	5035	
MB 880-49395/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49395/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49395/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-25959-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-25959-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 49505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4296-1	S-7 (3')	Total/NA	Solid	Total BTEX	
890-4296-2	S-7 (5')	Total/NA	Solid	Total BTEX	
890-4296-3	S-7 (7')	Total/NA	Solid	Total BTEX	
890-4296-4	S-7 (9')	Total/NA	Solid	Total BTEX	
890-4296-5	S-7 (11')	Total/NA	Solid	Total BTEX	
890-4296-6	S-7 (13')	Total/NA	Solid	Total BTEX	
890-4296-7	S-8 (1')	Total/NA	Solid	Total BTEX	
890-4296-8	S-8 (3')	Total/NA	Solid	Total BTEX	
890-4296-9	S-8 (5')	Total/NA	Solid	Total BTEX	
890-4296-10	S-8 (7')	Total/NA	Solid	Total BTEX	
890-4296-11	S-8 (9')	Total/NA	Solid	Total BTEX	
890-4296-12	S-9 (2')	Total/NA	Solid	Total BTEX	
890-4296-13	S-9 (4')	Total/NA	Solid	Total BTEX	
890-4296-14	S-9 (6')	Total/NA	Solid	Total BTEX	
890-4296-15	S-9 (8')	Total/NA	Solid	Total BTEX	
890-4296-16	S-9 (10')	Total/NA	Solid	Total BTEX	
890-4296-17	S-9 (12')	Total/NA	Solid	Total BTEX	

Analysis Batch: 49529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4296-7	S-8 (1')	Total/NA	Solid	8021B	49552
MB 880-49230/5-A	Method Blank	Total/NA	Solid	8021B	49230
MB 880-49552/5-A	Method Blank	Total/NA	Solid	8021B	49552
LCS 880-49552/1-A	Lab Control Sample	Total/NA	Solid	8021B	49552
LCSD 880-49552/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49552
890-4308-A-5-D MS	Matrix Spike	Total/NA	Solid	8021B	49552
890-4308-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	49552

Prep Batch: 49552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4296-7	S-8 (1')	Total/NA	Solid	5035	
MB 880-49552/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-49552/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-49552/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

GC VOA (Continued)

Prep Batch: 49552 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4308-A-5-D MS	Matrix Spike	Total/NA	Solid	5035	
890-4308-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 49565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4296-15	S-9 (8')	Total/NA	Solid	8021B	49395
MB 880-49395/5-A	Method Blank	Total/NA	Solid	8021B	49395
LCS 880-49395/1-A	Lab Control Sample	Total/NA	Solid	8021B	49395
LCSD 880-49395/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	49395
880-25959-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	49395
880-25959-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	49395

GC Semi VOA

Analysis Batch: 48705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4296-1	S-7 (3')	Total/NA	Solid	8015B NM	48780
890-4296-2	S-7 (5')	Total/NA	Solid	8015B NM	48780
890-4296-3	S-7 (7')	Total/NA	Solid	8015B NM	48780
890-4296-4	S-7 (9')	Total/NA	Solid	8015B NM	48780
890-4296-5	S-7 (11')	Total/NA	Solid	8015B NM	48780
890-4296-6	S-7 (13')	Total/NA	Solid	8015B NM	48780
890-4296-7	S-8 (1')	Total/NA	Solid	8015B NM	48780
890-4296-8	S-8 (3')	Total/NA	Solid	8015B NM	48780
890-4296-9	S-8 (5')	Total/NA	Solid	8015B NM	48780
890-4296-10	S-8 (7')	Total/NA	Solid	8015B NM	48780
890-4296-11	S-8 (9')	Total/NA	Solid	8015B NM	48780
890-4296-12	S-9 (2')	Total/NA	Solid	8015B NM	48780
MB 880-48780/1-A	Method Blank	Total/NA	Solid	8015B NM	48780
LCS 880-48780/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	48780
LCSD 880-48780/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	48780
890-4295-A-12-B MS	Matrix Spike	Total/NA	Solid	8015B NM	48780
890-4295-A-12-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	48780

Prep Batch: 48780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4296-1	S-7 (3')	Total/NA	Solid	8015NM Prep	
890-4296-2	S-7 (5')	Total/NA	Solid	8015NM Prep	
890-4296-3	S-7 (7')	Total/NA	Solid	8015NM Prep	
890-4296-4	S-7 (9')	Total/NA	Solid	8015NM Prep	
890-4296-5	S-7 (11')	Total/NA	Solid	8015NM Prep	
890-4296-6	S-7 (13')	Total/NA	Solid	8015NM Prep	
890-4296-7	S-8 (1')	Total/NA	Solid	8015NM Prep	
890-4296-8	S-8 (3')	Total/NA	Solid	8015NM Prep	
890-4296-9	S-8 (5')	Total/NA	Solid	8015NM Prep	
890-4296-10	S-8 (7')	Total/NA	Solid	8015NM Prep	
890-4296-11	S-8 (9')	Total/NA	Solid	8015NM Prep	
890-4296-12	S-9 (2')	Total/NA	Solid	8015NM Prep	
MB 880-48780/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-48780/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-48780/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

GC Semi VOA (Continued)

Prep Batch: 48780 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4295-A-12-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-4295-A-12-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 48815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4296-13	S-9 (4')	Total/NA	Solid	8015B NM	48829
890-4296-14	S-9 (6')	Total/NA	Solid	8015B NM	48829
890-4296-15	S-9 (8')	Total/NA	Solid	8015B NM	48829
890-4296-16	S-9 (10')	Total/NA	Solid	8015B NM	48829
890-4296-17	S-9 (12')	Total/NA	Solid	8015B NM	48829
MB 880-48829/1-A	Method Blank	Total/NA	Solid	8015B NM	48829
LCS 880-48829/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	48829
LCSD 880-48829/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	48829
890-4296-17 MS	S-9 (12')	Total/NA	Solid	8015B NM	48829
890-4296-17 MSD	S-9 (12')	Total/NA	Solid	8015B NM	48829

Prep Batch: 48829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4296-13	S-9 (4')	Total/NA	Solid	8015NM Prep	
890-4296-14	S-9 (6')	Total/NA	Solid	8015NM Prep	
890-4296-15	S-9 (8')	Total/NA	Solid	8015NM Prep	
890-4296-16	S-9 (10')	Total/NA	Solid	8015NM Prep	
890-4296-17	S-9 (12')	Total/NA	Solid	8015NM Prep	
MB 880-48829/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-48829/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-48829/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-4296-17 MS	S-9 (12')	Total/NA	Solid	8015NM Prep	
890-4296-17 MSD	S-9 (12')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 49094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4296-1	S-7 (3')	Total/NA	Solid	8015 NM	
890-4296-2	S-7 (5')	Total/NA	Solid	8015 NM	
890-4296-3	S-7 (7')	Total/NA	Solid	8015 NM	
890-4296-4	S-7 (9')	Total/NA	Solid	8015 NM	
890-4296-5	S-7 (11')	Total/NA	Solid	8015 NM	
890-4296-6	S-7 (13')	Total/NA	Solid	8015 NM	
890-4296-7	S-8 (1')	Total/NA	Solid	8015 NM	
890-4296-8	S-8 (3')	Total/NA	Solid	8015 NM	
890-4296-9	S-8 (5')	Total/NA	Solid	8015 NM	
890-4296-10	S-8 (7')	Total/NA	Solid	8015 NM	
890-4296-11	S-8 (9')	Total/NA	Solid	8015 NM	
890-4296-12	S-9 (2')	Total/NA	Solid	8015 NM	
890-4296-13	S-9 (4')	Total/NA	Solid	8015 NM	
890-4296-14	S-9 (6')	Total/NA	Solid	8015 NM	
890-4296-15	S-9 (8')	Total/NA	Solid	8015 NM	
890-4296-16	S-9 (10')	Total/NA	Solid	8015 NM	
890-4296-17	S-9 (12')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

HPLC/IC

Leach Batch: 48889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4296-1	S-7 (3')	Soluble	Solid	DI Leach	
890-4296-2	S-7 (5')	Soluble	Solid	DI Leach	
890-4296-3	S-7 (7')	Soluble	Solid	DI Leach	
890-4296-4	S-7 (9')	Soluble	Solid	DI Leach	
890-4296-5	S-7 (11')	Soluble	Solid	DI Leach	
890-4296-6	S-7 (13')	Soluble	Solid	DI Leach	
890-4296-7	S-8 (1')	Soluble	Solid	DI Leach	
890-4296-8	S-8 (3')	Soluble	Solid	DI Leach	
MB 880-48889/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-48889/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-48889/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-4295-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-4295-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
890-4295-A-11-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-4295-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 48890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4296-9	S-8 (5')	Soluble	Solid	DI Leach	
890-4296-10	S-8 (7')	Soluble	Solid	DI Leach	
890-4296-11	S-8 (9')	Soluble	Solid	DI Leach	
890-4296-12	S-9 (2')	Soluble	Solid	DI Leach	
890-4296-13	S-9 (4')	Soluble	Solid	DI Leach	
890-4296-14	S-9 (6')	Soluble	Solid	DI Leach	
890-4296-15	S-9 (8')	Soluble	Solid	DI Leach	
890-4296-16	S-9 (10')	Soluble	Solid	DI Leach	
890-4296-17	S-9 (12')	Soluble	Solid	DI Leach	
MB 880-48890/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-48890/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-48890/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-4296-9 MS	S-8 (5')	Soluble	Solid	DI Leach	
890-4296-9 MSD	S-8 (5')	Soluble	Solid	DI Leach	

Analysis Batch: 49132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4296-1	S-7 (3')	Soluble	Solid	300.0	48889
890-4296-2	S-7 (5')	Soluble	Solid	300.0	48889
890-4296-3	S-7 (7')	Soluble	Solid	300.0	48889
890-4296-4	S-7 (9')	Soluble	Solid	300.0	48889
890-4296-5	S-7 (11')	Soluble	Solid	300.0	48889
890-4296-6	S-7 (13')	Soluble	Solid	300.0	48889
890-4296-7	S-8 (1')	Soluble	Solid	300.0	48889
890-4296-8	S-8 (3')	Soluble	Solid	300.0	48889
MB 880-48889/1-A	Method Blank	Soluble	Solid	300.0	48889
LCS 880-48889/2-A	Lab Control Sample	Soluble	Solid	300.0	48889
LCSD 880-48889/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	48889
890-4295-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	48889
890-4295-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	48889
890-4295-A-11-C MS	Matrix Spike	Soluble	Solid	300.0	48889
890-4295-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	48889

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

HPLC/IC

Analysis Batch: 49133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-4296-9	S-8 (5')	Soluble	Solid	300.0	48890
890-4296-10	S-8 (7')	Soluble	Solid	300.0	48890
890-4296-11	S-8 (9')	Soluble	Solid	300.0	48890
890-4296-12	S-9 (2')	Soluble	Solid	300.0	48890
890-4296-13	S-9 (4')	Soluble	Solid	300.0	48890
890-4296-14	S-9 (6')	Soluble	Solid	300.0	48890
890-4296-15	S-9 (8')	Soluble	Solid	300.0	48890
890-4296-16	S-9 (10')	Soluble	Solid	300.0	48890
890-4296-17	S-9 (12')	Soluble	Solid	300.0	48890
MB 880-48890/1-A	Method Blank	Soluble	Solid	300.0	48890
LCS 880-48890/2-A	Lab Control Sample	Soluble	Solid	300.0	48890
LCSD 880-48890/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	48890
890-4296-9 MS	S-8 (5')	Soluble	Solid	300.0	48890
890-4296-9 MSD	S-8 (5')	Soluble	Solid	300.0	48890

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-7 (3')

Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Lab Sample ID: 890-4296-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	49246	03/22/23 16:31	MNR	EET MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	49364	03/24/23 23:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49505	03/25/23 16:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48780	03/16/23 14:57	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	48705	03/17/23 02:31	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	48889	03/18/23 15:22	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49132	03/20/23 13:08	SMC	EET MID

Client Sample ID: S-7 (5')

Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Lab Sample ID: 890-4296-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49246	03/22/23 16:31	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	49364	03/24/23 23:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49505	03/25/23 16:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48780	03/16/23 14:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48705	03/17/23 02:09	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	48889	03/18/23 15:22	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49132	03/20/23 13:23	SMC	EET MID

Client Sample ID: S-7 (7')

Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Lab Sample ID: 890-4296-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49246	03/22/23 16:31	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	49364	03/24/23 23:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49505	03/25/23 16:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48780	03/16/23 14:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48705	03/16/23 22:36	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	48889	03/18/23 15:22	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49132	03/20/23 13:28	SMC	EET MID

Client Sample ID: S-7 (9')

Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Lab Sample ID: 890-4296-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	49246	03/22/23 16:31	MNR	EET MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	49364	03/25/23 00:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49505	03/25/23 16:19	AJ	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-7 (9')

Lab Sample ID: 890-4296-4
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48780	03/16/23 14:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48705	03/16/23 22:58	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	48889	03/18/23 15:22	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	49132	03/20/23 13:33	SMC	EET MID

Client Sample ID: S-7 (11')

Lab Sample ID: 890-4296-5
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49246	03/22/23 16:31	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	49364	03/25/23 00:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49505	03/25/23 16:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48780	03/16/23 14:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48705	03/16/23 23:19	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	48889	03/18/23 15:22	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	49132	03/20/23 13:38	SMC	EET MID

Client Sample ID: S-7 (13')

Lab Sample ID: 890-4296-6
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49246	03/22/23 16:31	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	49364	03/25/23 01:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49505	03/25/23 16:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48780	03/16/23 14:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48705	03/16/23 23:40	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	48889	03/18/23 15:22	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	49132	03/20/23 13:43	SMC	EET MID

Client Sample ID: S-8 (1')

Lab Sample ID: 890-4296-7
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	49246	03/22/23 16:31	MNR	EET MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	49364	03/25/23 01:22	MNR	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	49552	03/26/23 17:10	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	49529	03/27/23 02:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49505	03/25/23 16:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID

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Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-8 (1')

Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Lab Sample ID: 890-4296-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48780	03/16/23 14:57	AJ	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	48705	03/17/23 02:52	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	48889	03/18/23 15:22	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49132	03/20/23 13:48	SMC	EET MID

Client Sample ID: S-8 (3')

Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Lab Sample ID: 890-4296-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49246	03/22/23 16:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49364	03/25/23 10:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49505	03/25/23 16:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48780	03/16/23 14:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48705	03/17/23 00:01	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48889	03/18/23 15:22	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49132	03/20/23 13:53	SMC	EET MID

Client Sample ID: S-8 (5')

Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Lab Sample ID: 890-4296-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	49246	03/22/23 16:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49364	03/25/23 12:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49505	03/25/23 16:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48780	03/16/23 14:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48705	03/17/23 00:23	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	48890	03/18/23 15:24	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49133	03/20/23 14:44	SMC	EET MID

Client Sample ID: S-8 (7')

Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Lab Sample ID: 890-4296-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.3 g	5 mL	49246	03/22/23 16:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49364	03/25/23 12:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49505	03/25/23 16:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48780	03/16/23 14:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48705	03/17/23 00:43	SM	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-8 (7')

Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Lab Sample ID: 890-4296-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	48890	03/18/23 15:24	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49133	03/21/23 16:43	SMC	EET MID

Client Sample ID: S-8 (9')

Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Lab Sample ID: 890-4296-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49246	03/22/23 16:31	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	49364	03/25/23 13:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49505	03/26/23 08:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48780	03/16/23 14:57	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48705	03/17/23 01:05	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	48890	03/18/23 15:24	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49133	03/20/23 15:04	SMC	EET MID

Client Sample ID: S-9 (2')

Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Lab Sample ID: 890-4296-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	49246	03/22/23 16:31	MNR	EET MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	49364	03/25/23 13:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49505	03/26/23 08:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48780	03/16/23 14:57	AJ	EET MID
Total/NA	Analysis	8015B NM		10	1 uL	1 uL	48705	03/17/23 03:13	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	48890	03/18/23 15:24	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49133	03/20/23 15:10	SMC	EET MID

Client Sample ID: S-9 (4')

Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Lab Sample ID: 890-4296-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	49246	03/22/23 16:31	MNR	EET MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	49364	03/25/23 13:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49505	03/26/23 08:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48829	03/17/23 10:48	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	48815	03/18/23 04:25	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48890	03/18/23 15:24	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	49133	03/20/23 15:15	SMC	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-9 (6')

Lab Sample ID: 890-4296-14
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49246	03/22/23 16:31	MNR	EET MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	49364	03/25/23 14:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49505	03/26/23 08:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48829	03/17/23 10:48	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	48815	03/18/23 04:47	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48890	03/18/23 15:24	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49133	03/20/23 15:30	SMC	EET MID

Client Sample ID: S-9 (8')

Lab Sample ID: 890-4296-15
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	49246	03/22/23 16:31	MNR	EET MID
Total/NA	Analysis	8021B		200	5 mL	5 mL	49364	03/25/23 14:23	MNR	EET MID
Total/NA	Prep	5035			5.02 g	5 mL	49395	03/24/23 10:32	MNR	EET MID
Total/NA	Analysis	8021B		1000	5 mL	5 mL	49565	03/27/23 14:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49505	03/26/23 08:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	48829	03/17/23 10:48	AJ	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	48815	03/18/23 05:10	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	48890	03/18/23 15:24	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49133	03/20/23 15:35	SMC	EET MID

Client Sample ID: S-9 (10')

Lab Sample ID: 890-4296-16
Matrix: Solid
Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	49246	03/22/23 16:31	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	49364	03/25/23 14:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49505	03/26/23 08:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	48829	03/17/23 10:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/18/23 04:02	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	48890	03/18/23 15:24	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49133	03/20/23 15:40	SMC	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Client Sample ID: S-9 (12')

Date Collected: 03/13/23 00:00
Date Received: 03/13/23 16:47

Lab Sample ID: 890-4296-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	49246	03/22/23 16:31	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	49364	03/25/23 15:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			49505	03/26/23 08:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			49094	03/21/23 09:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	48829	03/17/23 10:48	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	48815	03/17/23 21:03	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	48890	03/18/23 15:24	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	49133	03/20/23 15:45	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

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

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

Method Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 890-4296-1
SDG: 226700

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-4296-1	S-7 (3')	Solid	03/13/23 00:00	03/13/23 16:47
890-4296-2	S-7 (5')	Solid	03/13/23 00:00	03/13/23 16:47
890-4296-3	S-7 (7')	Solid	03/13/23 00:00	03/13/23 16:47
890-4296-4	S-7 (9')	Solid	03/13/23 00:00	03/13/23 16:47
890-4296-5	S-7 (11')	Solid	03/13/23 00:00	03/13/23 16:47
890-4296-6	S-7 (13')	Solid	03/13/23 00:00	03/13/23 16:47
890-4296-7	S-8 (1')	Solid	03/13/23 00:00	03/13/23 16:47
890-4296-8	S-8 (3')	Solid	03/13/23 00:00	03/13/23 16:47
890-4296-9	S-8 (5')	Solid	03/13/23 00:00	03/13/23 16:47
890-4296-10	S-8 (7')	Solid	03/13/23 00:00	03/13/23 16:47
890-4296-11	S-8 (9')	Solid	03/13/23 00:00	03/13/23 16:47
890-4296-12	S-9 (2')	Solid	03/13/23 00:00	03/13/23 16:47
890-4296-13	S-9 (4')	Solid	03/13/23 00:00	03/13/23 16:47
890-4296-14	S-9 (6')	Solid	03/13/23 00:00	03/13/23 16:47
890-4296-15	S-9 (8')	Solid	03/13/23 00:00	03/13/23 16:47
890-4296-16	S-9 (10')	Solid	03/13/23 00:00	03/13/23 16:47
890-4296-17	S-9 (12')	Solid	03/13/23 00:00	03/13/23 16:47

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

3/27/2023

Page 1 of 2

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level ☐ PST/U☐ TR☐ Le☐el

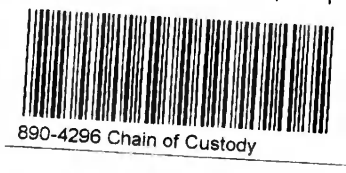
Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County	Due Date:	
Sampler's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	IR#907
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	3.8
Total Containers:	17	Corrected Temperature:	3.6

ANALYSIS REQUEST

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	Sample Comments
S-7 (3')	3/13/2023		x		Grab/	1		x	x	x	
S-7 (5')	3/13/2023		x		Grab/	1		x	x	x	
S-7 (7')	3/13/2023		x		Grab/	1		x	x	x	
S-7 (9')	3/13/2023		x		Grab/	1		x	x	x	
S-7 (11')	3/13/2023		x		Grab/	1		x	x	x	
S-7 (13')	3/13/2023		x		Grab/	1		x	x	x	
S-8 (1')	3/13/2023		x		Grab/	1		x	x	x	
S-8 (3')	3/13/2023		x		Grab/	1		x	x	x	
S-8 (5')	3/13/2023		x		Grab/	1		x	x	x	
S-8 (7')	3/13/2023		x		Grab/	1		x	x	x	



Preservative Codes

None: NO	DI Water: H_2O
Cool: Cool	MeOH: Me
HCL: HC	HNO_3: HN
H_2S0_4: H_2	NaOH: Na
H_3PO_4: HP	
$NaHSO_4$: NABIS	
$Na_2S_2O_3$: $NaSO_3$	
Zn Acetate+NaOH: Zn	
NaOH+Ascorbic Acid: SAPC	

Additional Comments: Billing Code: EAROPEMTX

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		3/13/23 1647	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

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Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: _____

3/27/2023

Page 2 of 2

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd.	Address:	600 N. Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	cmartin@earthstoneenergy.com

Work Order Comments

Program: UST/PS☐ PR☐ Brownfie☐s R☐ Supe☐

State of Project:

Reporting:Level ☐ Level ☐ PST/U☐ TR☐P Le☐

Deliverables: EDD☐ ADaPT☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County	Due Date:	
Sampler's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	
Total Containers:	17	Corrected Temperature:	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S-8 (9')	3/13/2023		x		Grab/	1		x	x	x		
S-9 (2')	3/13/2023		x		Grab/	1		x	x	x		
S-9 (4')	3/13/2023		x		Grab/	1		x	x	x		
S-9 (6')	3/13/2023		x		Grab/	1		x	x	x		
S-9 (8')	3/13/2023		x		Grab/	1		x	x	x		
S-9 (10')	3/13/2023		x		Grab/	1		x	x	x		
S-9 (12')	3/13/2023		x		Grab/	1		x	x	x		

Parameters: BTEX 8021B; TPH 8015M (GRO + DRO + MRO); Chloride 4500

ANALYSIS REQUEST

Preservative Codes

None: NO DI Water: H_2O
Cool: Cool MeOH: Me
HCL: HC HNO_3: HN
H_2S0_4: H_2 NaOH: Na
H_3PO_4: HP
$NaHSO_4$: NABIS
$Na_2S_2O_3$: $NaSO_3$
Zn Acetate+NaOH: Zn
NaOH+Ascorbic Acid: SAPC

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Amanda Sutt	3/10/23 1647	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

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Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-4296-1
SDG Number: 226700

Login Number: 4296
List Number: 1
Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	Refer to job narrative
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	N/A	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-4296-1
SDG Number: 226700

Login Number: 4296
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 03/15/23 11:19 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 22, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: DIAMONDBACK

Enclosed are the results of analyses for samples received by the laboratory on 03/17/23 13:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/17/2023	Sampling Date:	03/15/2023
Reported:	03/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: S - 10 (8') (H231231-01)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2023	ND	2.08	104	2.00	7.69	
Toluene*	<0.050	0.050	03/20/2023	ND	2.09	104	2.00	7.93	
Ethylbenzene*	<0.050	0.050	03/20/2023	ND	2.09	105	2.00	8.76	
Total Xylenes*	<0.150	0.150	03/20/2023	ND	6.38	106	6.00	8.47	
Total BTEX	<0.300	0.300	03/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1310**	16.0	03/21/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2023	ND	159	79.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	03/21/2023	ND	157	78.6	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	03/21/2023	ND					

Surrogate: 1-Chlorooctane *95.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.2 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/17/2023	Sampling Date:	03/15/2023
Reported:	03/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: S - 10 (14') (H231231-02)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2023	ND	2.08	104	2.00	7.69	
Toluene*	<0.050	0.050	03/20/2023	ND	2.09	104	2.00	7.93	
Ethylbenzene*	<0.050	0.050	03/20/2023	ND	2.09	105	2.00	8.76	
Total Xylenes*	<0.150	0.150	03/20/2023	ND	6.38	106	6.00	8.47	
Total BTEX	<0.300	0.300	03/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4800**	16.0	03/21/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2023	ND	159	79.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	03/21/2023	ND	157	78.6	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	03/21/2023	ND					

Surrogate: 1-Chlorooctane *96.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/17/2023	Sampling Date:	03/16/2023
Reported:	03/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: S - 10 (16') (H231231-03)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2023	ND	2.08	104	2.00	7.69	
Toluene*	<0.050	0.050	03/20/2023	ND	2.09	104	2.00	7.93	
Ethylbenzene*	<0.050	0.050	03/20/2023	ND	2.09	105	2.00	8.76	
Total Xylenes*	<0.150	0.150	03/20/2023	ND	6.38	106	6.00	8.47	
Total BTEX	<0.300	0.300	03/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *109 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2340**	16.0	03/21/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2023	ND	159	79.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	03/21/2023	ND	157	78.6	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	03/21/2023	ND					

Surrogate: 1-Chlorooctane *96.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.9 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/17/2023	Sampling Date:	03/16/2023
Reported:	03/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: S - 10 (17') (H231231-04)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2023	ND	2.08	104	2.00	7.69	
Toluene*	<0.050	0.050	03/20/2023	ND	2.09	104	2.00	7.93	
Ethylbenzene*	<0.050	0.050	03/20/2023	ND	2.09	105	2.00	8.76	
Total Xylenes*	<0.150	0.150	03/20/2023	ND	6.38	106	6.00	8.47	
Total BTEX	<0.300	0.300	03/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1790**	16.0	03/21/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2023	ND	159	79.6	200	15.5	
DRO >C10-C28*	<10.0	10.0	03/21/2023	ND	157	78.6	200	18.1	
EXT DRO >C28-C36	<10.0	10.0	03/21/2023	ND					

Surrogate: 1-Chlorooctane *110 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/17/2023	Sampling Date:	03/16/2023
Reported:	03/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: S - 10 (19') (H231231-05)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2023	ND	2.08	104	2.00	7.69	
Toluene*	<0.050	0.050	03/20/2023	ND	2.09	104	2.00	7.93	
Ethylbenzene*	<0.050	0.050	03/20/2023	ND	2.09	105	2.00	8.76	
Total Xylenes*	<0.150	0.150	03/20/2023	ND	6.38	106	6.00	8.47	
Total BTEX	<0.300	0.300	03/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2880**	16.0	03/21/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/20/2023	ND	204	102	200	0.634	
DRO >C10-C28*	<10.0	10.0	03/20/2023	ND	191	95.7	200	0.640	
EXT DRO >C28-C36	<10.0	10.0	03/20/2023	ND					

Surrogate: 1-Chlorooctane *87.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.0 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/17/2023	Sampling Date:	03/16/2023
Reported:	03/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: NS - 10 (6') (H231231-06)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2023	ND	2.08	104	2.00	7.69	
Toluene*	<0.050	0.050	03/20/2023	ND	2.09	104	2.00	7.93	
Ethylbenzene*	<0.050	0.050	03/20/2023	ND	2.09	105	2.00	8.76	
Total Xylenes*	<0.150	0.150	03/20/2023	ND	6.38	106	6.00	8.47	
Total BTEX	<0.300	0.300	03/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2370**	16.0	03/21/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/20/2023	ND	204	102	200	0.634	
DRO >C10-C28*	<10.0	10.0	03/20/2023	ND	191	95.7	200	0.640	
EXT DRO >C28-C36	<10.0	10.0	03/20/2023	ND					

Surrogate: 1-Chlorooctane *88.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/17/2023	Sampling Date:	03/16/2023
Reported:	03/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: NS - 10 (10') (H231231-07)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2023	ND	2.08	104	2.00	7.69	
Toluene*	<0.050	0.050	03/20/2023	ND	2.09	104	2.00	7.93	
Ethylbenzene*	<0.050	0.050	03/20/2023	ND	2.09	105	2.00	8.76	
Total Xylenes*	<0.150	0.150	03/20/2023	ND	6.38	106	6.00	8.47	
Total BTEX	<0.300	0.300	03/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**9470**	16.0	03/21/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/20/2023	ND	204	102	200	0.634	
DRO >C10-C28*	<10.0	10.0	03/20/2023	ND	191	95.7	200	0.640	
EXT DRO >C28-C36	<10.0	10.0	03/20/2023	ND					

Surrogate: 1-Chlorooctane *89.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.5 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/17/2023	Sampling Date:	03/16/2023
Reported:	03/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: SS - 10 (6') (H231231-08)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2023	ND	2.08	104	2.00	7.69	
Toluene*	<0.050	0.050	03/20/2023	ND	2.09	104	2.00	7.93	
Ethylbenzene*	<0.050	0.050	03/20/2023	ND	2.09	105	2.00	8.76	
Total Xylenes*	<0.150	0.150	03/20/2023	ND	6.38	106	6.00	8.47	
Total BTEX	<0.300	0.300	03/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3520**	16.0	03/21/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/20/2023	ND	204	102	200	0.634	
DRO >C10-C28*	**18.4**	10.0	03/20/2023	ND	191	95.7	200	0.640	
EXT DRO >C28-C36	<10.0	10.0	03/20/2023	ND					

Surrogate: 1-Chlorooctane *90.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/17/2023	Sampling Date:	03/16/2023
Reported:	03/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: SS - 10 (10') (H231231-09)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2023	ND	2.08	104	2.00	7.69	
Toluene*	<0.050	0.050	03/20/2023	ND	2.09	104	2.00	7.93	
Ethylbenzene*	<0.050	0.050	03/20/2023	ND	2.09	105	2.00	8.76	
Total Xylenes*	<0.150	0.150	03/20/2023	ND	6.38	106	6.00	8.47	
Total BTEX	<0.300	0.300	03/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5920**	16.0	03/21/2023	ND	432	108	400	0.00	QM-07

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/20/2023	ND	204	102	200	0.634	
DRO >C10-C28*	<10.0	10.0	03/20/2023	ND	191	95.7	200	0.640	
EXT DRO >C28-C36	<10.0	10.0	03/20/2023	ND					

Surrogate: 1-Chlorooctane *84.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.2 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/17/2023	Sampling Date:	03/17/2023
Reported:	03/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: TP 2 (6') (H231231-10)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2023	ND	2.08	104	2.00	7.69	
Toluene*	<0.050	0.050	03/20/2023	ND	2.09	104	2.00	7.93	
Ethylbenzene*	<0.050	0.050	03/20/2023	ND	2.09	105	2.00	8.76	
Total Xylenes*	<0.150	0.150	03/20/2023	ND	6.38	106	6.00	8.47	
Total BTEX	<0.300	0.300	03/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2800**	16.0	03/21/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/20/2023	ND	204	102	200	0.634	
DRO >C10-C28*	<10.0	10.0	03/20/2023	ND	191	95.7	200	0.640	
EXT DRO >C28-C36	<10.0	10.0	03/20/2023	ND					

Surrogate: 1-Chlorooctane *87.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.0 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/17/2023	Sampling Date:	03/17/2023
Reported:	03/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: TP 2 (8') (H231231-11)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2023	ND	2.08	104	2.00	7.69	
Toluene*	<0.050	0.050	03/20/2023	ND	2.09	104	2.00	7.93	
Ethylbenzene*	<0.050	0.050	03/20/2023	ND	2.09	105	2.00	8.76	
Total Xylenes*	<0.150	0.150	03/20/2023	ND	6.38	106	6.00	8.47	
Total BTEX	<0.300	0.300	03/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5040**	16.0	03/21/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/20/2023	ND	204	102	200	0.634	
DRO >C10-C28*	<10.0	10.0	03/20/2023	ND	191	95.7	200	0.640	
EXT DRO >C28-C36	<10.0	10.0	03/20/2023	ND					

Surrogate: 1-Chlorooctane *82.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.1 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/17/2023	Sampling Date:	03/17/2023
Reported:	03/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: TP 2 (9') (H231231-12)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2023	ND	2.08	104	2.00	7.69	
Toluene*	<0.050	0.050	03/20/2023	ND	2.09	104	2.00	7.93	
Ethylbenzene*	<0.050	0.050	03/20/2023	ND	2.09	105	2.00	8.76	
Total Xylenes*	<0.150	0.150	03/20/2023	ND	6.38	106	6.00	8.47	
Total BTEX	<0.300	0.300	03/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3080**	16.0	03/21/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2023	ND	204	102	200	0.634	
DRO >C10-C28*	<10.0	10.0	03/21/2023	ND	191	95.7	200	0.640	
EXT DRO >C28-C36	<10.0	10.0	03/21/2023	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/17/2023	Sampling Date:	03/17/2023
Reported:	03/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: TP 2 (12') (H231231-13)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2023	ND	2.08	104	2.00	7.69	
Toluene*	<0.050	0.050	03/20/2023	ND	2.09	104	2.00	7.93	
Ethylbenzene*	<0.050	0.050	03/20/2023	ND	2.09	105	2.00	8.76	
Total Xylenes*	<0.150	0.150	03/20/2023	ND	6.38	106	6.00	8.47	
Total BTEX	<0.300	0.300	03/20/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4160**	16.0	03/21/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2023	ND	204	102	200	0.634	
DRO >C10-C28*	<10.0	10.0	03/21/2023	ND	191	95.7	200	0.640	
EXT DRO >C28-C36	<10.0	10.0	03/21/2023	ND					

Surrogate: 1-Chlorooctane *99.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/17/2023	Sampling Date:	03/17/2023
Reported:	03/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: TP 2 (14') (H231231-14)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2023	ND	2.11	105	2.00	5.61	
Toluene*	<0.050	0.050	03/21/2023	ND	2.11	106	2.00	5.79	
Ethylbenzene*	<0.050	0.050	03/21/2023	ND	2.19	110	2.00	5.44	
Total Xylenes*	<0.150	0.150	03/21/2023	ND	6.71	112	6.00	4.61	
Total BTEX	<0.300	0.300	03/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1440**	16.0	03/21/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2023	ND	204	102	200	0.634	
DRO >C10-C28*	<10.0	10.0	03/21/2023	ND	191	95.7	200	0.640	
EXT DRO >C28-C36	<10.0	10.0	03/21/2023	ND					

Surrogate: 1-Chlorooctane *90.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.5 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/17/2023	Sampling Date:	03/17/2023
Reported:	03/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: TP 2 (16') (H231231-15)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2023	ND	2.11	105	2.00	5.61	
Toluene*	<0.050	0.050	03/21/2023	ND	2.11	106	2.00	5.79	
Ethylbenzene*	<0.050	0.050	03/21/2023	ND	2.19	110	2.00	5.44	
Total Xylenes*	<0.150	0.150	03/21/2023	ND	6.71	112	6.00	4.61	
Total BTEX	<0.300	0.300	03/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2340**	16.0	03/21/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2023	ND	204	102	200	0.634	
DRO >C10-C28*	<10.0	10.0	03/21/2023	ND	191	95.7	200	0.640	
EXT DRO >C28-C36	<10.0	10.0	03/21/2023	ND					

Surrogate: 1-Chlorooctane *97.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	03/17/2023	Sampling Date:	03/17/2023
Reported:	03/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Shalyn Rodriguez
Project Location:	EARTHSTONE - LEA COUNTY		

Sample ID: TP 2 (15') (H231231-16)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/21/2023	ND	2.11	105	2.00	5.61	
Toluene*	<0.050	0.050	03/21/2023	ND	2.11	106	2.00	5.79	
Ethylbenzene*	<0.050	0.050	03/21/2023	ND	2.19	110	2.00	5.44	
Total Xylenes*	<0.150	0.150	03/21/2023	ND	6.71	112	6.00	4.61	
Total BTEX	<0.300	0.300	03/21/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: GM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3600**	16.0	03/21/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2023	ND	204	102	200	0.634	
DRO >C10-C28*	<10.0	10.0	03/21/2023	ND	191	95.7	200	0.640	
EXT DRO >C28-C36	<10.0	10.0	03/21/2023	ND					

Surrogate: 1-Chlorooctane *94.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

cmartin@earthstoneenergy.com

Company Name:	NTGE	**BILL TO**	
Project Manager:	Becky Haskell	P.O. #:	
Address:	408 E Wood Ave	Company:	Earthstone
City:	Carlsbad	State: NM Zip: 88220	Attn: Chris Martin
Phone #:	432 924 8056	Fax #:	Address:
Project #:	226700	Project Owner:	City:
Project Name:	Diamondback		State: Zip:
Project Location:	Lea County		Phone #:
Sampler Name:	Tyler Kimball		Fax #:

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	Chlorides	BTEX
H231231																	
1	S-10 (8')	G	1			X							3-15-23				
2	S-10 (14')												3-15-23				
3	S-10 (16')												3-16-23				
4	S-10 (17')												3-16-23				
5	S-10 (19')												3-16-23				
6	NS-10 (6')												3-16-23				
7	NS-10 (10')												3-16-23				
8	SS-10 (6')												3-16-23				
9	SS-10 (10')												3-16-23				
10	TP2 (6')												3-17-23				

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Relinquished By:	Date: 3-17-23	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1:50		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		

Delivered By: (Circle One)	Observed Temp. °C 0.1	Sample Condition Cool ☑ Yes Intact ☑ Yes	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ Rush ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C 0.5	☐ No ☐ No	SR	Thermometer ID #113 Correction Factor -0.6°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

cmartin@earthstoneenergy.com

		BILL TO	
Company Name:	NTGE	P.O. #:	
Project Manager:	Becky Haskell	Company:	Earthstone
Address:	400 E Wood Ave	Attn:	Chris Martin
City:	Carlsbad	State: NM	Zip: 88220
Phone #:	432 924 9056	Fax #:	
Project #:	226700	Project Owner:	
Project Name:	Diamondback	Address:	
Project Location:	Lea County	City:	
Sampler Name:	Tyler Kimball	State:	Zip:
		Phone #:	
		Fax #:	

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	TPH	Chlorides	BTEX
H231231																	
11	TP2 (8')	G	1			X							3-17-23		X	X	X
12	TP2 (9')	G	1			X							3-17-23		X	X	X
13	TP2 (12')	G	1			X									X	X	X
14	TP2 (14')	G	1			X									X	X	X
15	TP2 (16')	G	1			X									X	X	X
16	TP2 (15')	G	1			X							3/17/23		X	X	X
	*SR 3/17/23																

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Relinquished By:	Date: 3-17-23	Received By:	
	Time: 1:50		
Relinquished By:	Date:	Received By:	
	Time:		

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:

REMARKS: *customer left sample off C.O.C. Requested to add it.

Delivered By: (Circle One)	Observed Temp. °C 0.1	Sample Condition: Cool ☑ Yes ☐ No; Intact ☐ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ Rush ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C 0.5			Thermometer ID #113 Correction Factor -0.6°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

FORM-006 R 3.3 07/18/22

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eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Gordon Banks
NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Generated 6/20/2023 11:43:50 AM

JOB DESCRIPTION

Diamondback 24-25 CTB
SDG NUMBER Lea County

JOB NUMBER

880-29520-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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my EOL

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Generated
6/20/2023 11:43:50 AM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Definitions/Glossary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Job ID: 880-29520-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-29520-1

Receipt
The samples were received on 6/14/2023 2:06 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.3°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: TMW-1 (3'-5') (880-29520-1), TMW-1 (8'-10') (880-29520-2), TMW-1 (13'-15') (880-29520-3), TMW-1 (18'-20') (880-29520-4), TMW-1 (23'-25') (880-29520-5), TMW-1 (28'-30') (880-29520-6), TMW-1 (33'-35') (880-29520-7), TMW-1 (38'-40') (880-29520-8), TMW-1 (43'-45') (880-29520-9) and TMW-1 (48'-50') (880-29520-10).

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-55739 and analytical batch 880-55778 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-55739/5-A). Evidence of matrix interferences is not obvious.

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

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: TMW-1 (3'-5') (880-29520-1) and (MB 880-55613/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-55522 and analytical batch 880-55575 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Client Sample ID: TMW-1 (3'-5')

Lab Sample ID: 880-29520-1
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/16/23 17:19	06/19/23 15:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/16/23 17:19	06/19/23 15:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/16/23 17:19	06/19/23 15:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/16/23 17:19	06/19/23 15:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/16/23 17:19	06/19/23 15:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/16/23 17:19	06/19/23 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*06/16/23 17:19*	*06/19/23 15:18*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*06/16/23 17:19*	*06/19/23 15:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/20/23 12:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/15/23 19:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/15/23 13:34	06/15/23 16:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/23 13:34	06/15/23 16:50	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/23 13:34	06/15/23 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*118*		*70 - 130*	*06/15/23 13:34*	*06/15/23 16:50*	*1*
o-Terphenyl	*0.3*	*S1-*	*70 - 130*	*06/15/23 13:34*	*06/15/23 16:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**992**		4.98		mg/Kg			06/15/23 17:38	1

Client Sample ID: TMW-1 (8'-10')

Lab Sample ID: 880-29520-2
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/16/23 17:19	06/19/23 15:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/16/23 17:19	06/19/23 15:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/16/23 17:19	06/19/23 15:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/16/23 17:19	06/19/23 15:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/16/23 17:19	06/19/23 15:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/16/23 17:19	06/19/23 15:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*06/16/23 17:19*	*06/19/23 15:38*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*06/16/23 17:19*	*06/19/23 15:38*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Client Sample ID: TMW-1 (8'-10')

Lab Sample ID: 880-29520-2
Date Collected: 06/13/23 00:00
Matrix: Solid
Date Received: 06/14/23 14:06

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/20/23 12:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**63.3**		49.9		mg/Kg			06/15/23 19:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/15/23 13:34	06/15/23 18:24	1
Diesel Range Organics (Over C10-C28)	**63.3**		49.9		mg/Kg		06/15/23 13:34	06/15/23 18:24	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/23 13:34	06/15/23 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*123*		*70 - 130*	*06/15/23 13:34*	*06/15/23 18:24*	*1*
o-Terphenyl	*111*		*70 - 130*	*06/15/23 13:34*	*06/15/23 18:24*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**308**		5.00		mg/Kg			06/15/23 17:44	1

Client Sample ID: TMW-1 (13'-15')

Lab Sample ID: 880-29520-3
Date Collected: 06/13/23 00:00
Matrix: Solid
Date Received: 06/14/23 14:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/16/23 17:19	06/19/23 15:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/16/23 17:19	06/19/23 15:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/16/23 17:19	06/19/23 15:59	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/16/23 17:19	06/19/23 15:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/16/23 17:19	06/19/23 15:59	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/16/23 17:19	06/19/23 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*	*06/16/23 17:19*	*06/19/23 15:59*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*06/16/23 17:19*	*06/19/23 15:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/20/23 12:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**50.9**		49.8		mg/Kg			06/15/23 19:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/15/23 13:34	06/15/23 18:47	1
Diesel Range Organics (Over C10-C28)	**50.9**		49.8		mg/Kg		06/15/23 13:34	06/15/23 18:47	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Client Sample ID: TMW-1 (13'-15')

Lab Sample ID: 880-29520-3
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/15/23 13:34	06/15/23 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 130*	*06/15/23 13:34*	*06/15/23 18:47*	*1*
o-Terphenyl	*101*		*70 - 130*	*06/15/23 13:34*	*06/15/23 18:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**880**	**F1**	4.99		mg/Kg			06/15/23 17:50	1

Client Sample ID: TMW-1 (18'-20')

Lab Sample ID: 880-29520-4
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/16/23 17:19	06/19/23 16:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/16/23 17:19	06/19/23 16:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/16/23 17:19	06/19/23 16:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/16/23 17:19	06/19/23 16:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/16/23 17:19	06/19/23 16:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/16/23 17:19	06/19/23 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*06/16/23 17:19*	*06/19/23 16:20*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*06/16/23 17:19*	*06/19/23 16:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/20/23 12:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**151**		50.0		mg/Kg			06/16/23 15:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/15/23 13:34	06/15/23 19:11	1
Diesel Range Organics (Over C10-C28)	**151**		50.0		mg/Kg		06/15/23 13:34	06/15/23 19:11	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/23 13:34	06/15/23 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*133*	*S1+*	*70 - 130*	*06/15/23 13:34*	*06/15/23 19:11*	*1*
o-Terphenyl	*123*		*70 - 130*	*06/15/23 13:34*	*06/15/23 19:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**239**		5.02		mg/Kg			06/15/23 18:06	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Client Sample ID: TMW-1 (23'-25')

Lab Sample ID: 880-29520-5
Date Collected: 06/13/23 00:00
Matrix: Solid
Date Received: 06/14/23 14:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/16/23 17:19	06/19/23 16:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/16/23 17:19	06/19/23 16:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/16/23 17:19	06/19/23 16:40	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/16/23 17:19	06/19/23 16:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/16/23 17:19	06/19/23 16:40	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/16/23 17:19	06/19/23 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*06/16/23 17:19*	*06/19/23 16:40*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*06/16/23 17:19*	*06/19/23 16:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/20/23 12:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**55.7**		50.0		mg/Kg			06/16/23 15:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/15/23 13:34	06/15/23 19:35	1
Diesel Range Organics (Over C10-C28)	**55.7**		50.0		mg/Kg		06/15/23 13:34	06/15/23 19:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/23 13:34	06/15/23 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*06/15/23 13:34*	*06/15/23 19:35*	*1*
o-Terphenyl	*98*		*70 - 130*	*06/15/23 13:34*	*06/15/23 19:35*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		4.95		mg/Kg			06/15/23 18:12	1

Client Sample ID: TMW-1 (28'-30')

Lab Sample ID: 880-29520-6
Date Collected: 06/13/23 00:00
Matrix: Solid
Date Received: 06/14/23 14:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/16/23 17:19	06/19/23 18:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/16/23 17:19	06/19/23 18:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/16/23 17:19	06/19/23 18:27	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		06/16/23 17:19	06/19/23 18:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/16/23 17:19	06/19/23 18:27	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		06/16/23 17:19	06/19/23 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*	*06/16/23 17:19*	*06/19/23 18:27*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*06/16/23 17:19*	*06/19/23 18:27*	*1*

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Client Sample ID: TMW-1 (28'-30')

Lab Sample ID: 880-29520-6
Date Collected: 06/13/23 00:00
Matrix: Solid
Date Received: 06/14/23 14:06

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			06/20/23 12:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/16/23 15:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/15/23 13:34	06/15/23 19:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/15/23 13:34	06/15/23 19:58	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/15/23 13:34	06/15/23 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*127*		*70 - 130*	*06/15/23 13:34*	*06/15/23 19:58*	*1*
o-Terphenyl	*115*		*70 - 130*	*06/15/23 13:34*	*06/15/23 19:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**449**		5.03		mg/Kg			06/15/23 18:28	1

Client Sample ID: TMW-1 (33'-35')

Lab Sample ID: 880-29520-7
Date Collected: 06/13/23 00:00
Matrix: Solid
Date Received: 06/14/23 14:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		06/16/23 17:19	06/19/23 18:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/16/23 17:19	06/19/23 18:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/16/23 17:19	06/19/23 18:47	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/16/23 17:19	06/19/23 18:47	1
o-Xylene	**0.00232**		0.00198		mg/Kg		06/16/23 17:19	06/19/23 18:47	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/16/23 17:19	06/19/23 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*06/16/23 17:19*	*06/19/23 18:47*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*06/16/23 17:19*	*06/19/23 18:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			06/20/23 12:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/16/23 15:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/15/23 13:34	06/15/23 20:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/23 13:34	06/15/23 20:45	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Client Sample ID: TMW-1 (33'-35')

Lab Sample ID: 880-29520-7
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/23 13:34	06/15/23 20:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*117*		*70 - 130*	*06/15/23 13:34*	*06/15/23 20:45*	*1*
o-Terphenyl	*104*		*70 - 130*	*06/15/23 13:34*	*06/15/23 20:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**360**		4.97		mg/Kg			06/15/23 18:34	1

Client Sample ID: TMW-1 (38'-40')

Lab Sample ID: 880-29520-8
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/16/23 17:19	06/19/23 19:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/16/23 17:19	06/19/23 19:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/16/23 17:19	06/19/23 19:08	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/16/23 17:19	06/19/23 19:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/16/23 17:19	06/19/23 19:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/16/23 17:19	06/19/23 19:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*06/16/23 17:19*	*06/19/23 19:08*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*06/16/23 17:19*	*06/19/23 19:08*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/20/23 12:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/16/23 15:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/15/23 13:34	06/15/23 21:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/23 13:34	06/15/23 21:08	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/23 13:34	06/15/23 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*124*		*70 - 130*	*06/15/23 13:34*	*06/15/23 21:08*	*1*
o-Terphenyl	*114*		*70 - 130*	*06/15/23 13:34*	*06/15/23 21:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**308**		4.98		mg/Kg			06/15/23 18:39	1

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Client Sample ID: TMW-1 (43'-45')

Lab Sample ID: 880-29520-9
Date Collected: 06/13/23 00:00
Matrix: Solid
Date Received: 06/14/23 14:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/16/23 17:19	06/19/23 19:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/16/23 17:19	06/19/23 19:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/16/23 17:19	06/19/23 19:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/16/23 17:19	06/19/23 19:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/16/23 17:19	06/19/23 19:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/16/23 17:19	06/19/23 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*06/16/23 17:19*	*06/19/23 19:29*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*06/16/23 17:19*	*06/19/23 19:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/20/23 12:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/16/23 15:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/15/23 13:34	06/15/23 21:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/23 13:34	06/15/23 21:31	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/23 13:34	06/15/23 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*129*		*70 - 130*	*06/15/23 13:34*	*06/15/23 21:31*	*1*
o-Terphenyl	*119*		*70 - 130*	*06/15/23 13:34*	*06/15/23 21:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**91.3**		5.04		mg/Kg			06/15/23 18:45	1

Client Sample ID: TMW-1 (48'-50')

Lab Sample ID: 880-29520-10
Date Collected: 06/13/23 00:00
Matrix: Solid
Date Received: 06/14/23 14:06

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/16/23 17:19	06/19/23 19:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/16/23 17:19	06/19/23 19:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/16/23 17:19	06/19/23 19:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/16/23 17:19	06/19/23 19:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/16/23 17:19	06/19/23 19:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/16/23 17:19	06/19/23 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*06/16/23 17:19*	*06/19/23 19:49*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*06/16/23 17:19*	*06/19/23 19:49*	*1*

Eurofins Midland

Client Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Client Sample ID: TMW-1 (48'-50')

Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Lab Sample ID: 880-29520-10

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/20/23 12:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/16/23 15:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/15/23 13:34	06/15/23 21:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/15/23 13:34	06/15/23 21:54	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/15/23 13:34	06/15/23 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*107*		*70 - 130*	*06/15/23 13:34*	*06/15/23 21:54*	*1*
o-Terphenyl	*96*		*70 - 130*	*06/15/23 13:34*	*06/15/23 21:54*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.6**		5.02		mg/Kg			06/15/23 18:51	1

Surrogate Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Method: 8021B - Volatile Organic Compounds (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-29520-1	TMW-1 (3'-5')	89	87
880-29520-2	TMW-1 (8'-10')	84	88
880-29520-3	TMW-1 (13'-15')	85	88
880-29520-4	TMW-1 (18'-20')	84	88
880-29520-5	TMW-1 (23'-25')	82	85
880-29520-6	TMW-1 (28'-30')	77	91
880-29520-7	TMW-1 (33'-35')	84	87
880-29520-8	TMW-1 (38'-40')	84	92
880-29520-9	TMW-1 (43'-45')	86	94
880-29520-10	TMW-1 (48'-50')	80	92
880-29648-A-21-G MS	Matrix Spike	98	105
880-29648-A-21-H MSD	Matrix Spike Duplicate	102	110
LCS 880-55739/1-A	Lab Control Sample	92	107
LCSD 880-55739/2-A	Lab Control Sample Dup	86	110
MB 880-55739/5-A	Method Blank	65 S1-	101

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-29520-1	TMW-1 (3'-5')	118	0.3 S1-
880-29520-1 MS	TMW-1 (3'-5')	105	87
880-29520-1 MSD	TMW-1 (3'-5')	116	96
880-29520-2	TMW-1 (8'-10')	123	111
880-29520-3	TMW-1 (13'-15')	112	101
880-29520-4	TMW-1 (18'-20')	133 S1+	123
880-29520-5	TMW-1 (23'-25')	113	98
880-29520-6	TMW-1 (28'-30')	127	115
880-29520-7	TMW-1 (33'-35')	117	104
880-29520-8	TMW-1 (38'-40')	124	114
880-29520-9	TMW-1 (43'-45')	129	119
880-29520-10	TMW-1 (48'-50')	107	96
LCS 880-55613/2-A	Lab Control Sample	129	117
LCSD 880-55613/3-A	Lab Control Sample Dup	118	108
MB 880-55613/1-A	Method Blank	154 S1+	0.4 S1-

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-55739/5-A
Matrix: Solid
Analysis Batch: 55778

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 55739

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/16/23 17:19	06/19/23 13:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/16/23 17:19	06/19/23 13:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/16/23 17:19	06/19/23 13:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/16/23 17:19	06/19/23 13:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/16/23 17:19	06/19/23 13:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/16/23 17:19	06/19/23 13:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*65*	*S1-*	*70 - 130*	*06/16/23 17:19*	*06/19/23 13:33*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*06/16/23 17:19*	*06/19/23 13:33*	*1*

Lab Sample ID: LCS 880-55739/1-A
Matrix: Solid
Analysis Batch: 55778

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 55739

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1200		mg/Kg		120	70 - 130		
Toluene			0.100	0.1042		mg/Kg		104	70 - 130		
Ethylbenzene			0.100	0.1046		mg/Kg		105	70 - 130		
m-Xylene & p-Xylene			0.200	0.2139		mg/Kg		107	70 - 130		
o-Xylene			0.100	0.1030		mg/Kg		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 880-55739/2-A
Matrix: Solid
Analysis Batch: 55778

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 55739

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1109		mg/Kg		111	70 - 130	8	35
Toluene			0.100	0.09082		mg/Kg		91	70 - 130	14	35
Ethylbenzene			0.100	0.08914		mg/Kg		89	70 - 130	16	35
m-Xylene & p-Xylene			0.200	0.1761		mg/Kg		88	70 - 130	19	35
o-Xylene			0.100	0.08438		mg/Kg		84	70 - 130	20	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: 880-29648-A-21-G MS
Matrix: Solid
Analysis Batch: 55778

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 55739

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00202	U	0.0994	0.07259		mg/Kg		73	70 - 130		
Toluene	<0.00202	U F1	0.0994	0.05404	F1	mg/Kg		53	70 - 130		

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

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

Lab Sample ID: 880-29648-A-21-G MS
Matrix: Solid
Analysis Batch: 55778

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 55739

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U F1	0.0994	0.04604	F1	mg/Kg		46	70 - 130
m-Xylene & p-Xylene	<0.00404	U F1	0.199	0.08962	F1	mg/Kg		45	70 - 130
o-Xylene	<0.00202	U F1	0.0994	0.04582	F1	mg/Kg		46	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: 880-29648-A-21-H MSD
Matrix: Solid
Analysis Batch: 55778

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 55739

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0996	0.07523		mg/Kg		76	70 - 130	4	35
Toluene	<0.00202	U F1	0.0996	0.05349	F1	mg/Kg		53	70 - 130	1	35
Ethylbenzene	<0.00202	U F1	0.0996	0.04804	F1	mg/Kg		48	70 - 130	4	35
m-Xylene & p-Xylene	<0.00404	U F1	0.199	0.09580	F1	mg/Kg		48	70 - 130	7	35
o-Xylene	<0.00202	U F1	0.0996	0.04898	F1	mg/Kg		49	70 - 130	7	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

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

Lab Sample ID: MB 880-55613/1-A
Matrix: Solid
Analysis Batch: 55544

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 55613

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/15/23 13:34	06/15/23 15:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/23 13:34	06/15/23 15:40	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/23 13:34	06/15/23 15:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*154*	*S1+*	*70 - 130*	*06/15/23 13:34*	*06/15/23 15:40*	*1*
o-Terphenyl	*0.4*	*S1-*	*70 - 130*	*06/15/23 13:34*	*06/15/23 15:40*	*1*

Lab Sample ID: LCS 880-55613/2-A
Matrix: Solid
Analysis Batch: 55544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 55613

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	887.0		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1000	938.9		mg/Kg		94	70 - 130

Eurofins Midland

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

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

Lab Sample ID: LCS 880-55613/2-A
Matrix: Solid
Analysis Batch: 55544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 55613

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	129		70 - 130
o-Terphenyl	117		70 - 130

Lab Sample ID: LCSD 880-55613/3-A
Matrix: Solid
Analysis Batch: 55544

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 55613

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	855.8		mg/Kg		86	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	887.1		mg/Kg		89	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	118		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: 880-29520-1 MS
Matrix: Solid
Analysis Batch: 55544

Client Sample ID: TMW-1 (3'-5')
Prep Type: Total/NA
Prep Batch: 55613

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1170		mg/Kg		117	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	734.1		mg/Kg		73	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	87		70 - 130

Lab Sample ID: 880-29520-1 MSD
Matrix: Solid
Analysis Batch: 55544

Client Sample ID: TMW-1 (3'-5')
Prep Type: Total/NA
Prep Batch: 55613

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1045		mg/Kg		105	70 - 130	11	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	802.7		mg/Kg		80	70 - 130	9	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	116		70 - 130
o-Terphenyl	96		70 - 130

QC Sample Results

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-55522/1-A
Matrix: Solid
Analysis Batch: 55575

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			06/15/23 16:15	1

Lab Sample ID: LCS 880-55522/2-A
Matrix: Solid
Analysis Batch: 55575

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	263.1		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-55522/3-A
Matrix: Solid
Analysis Batch: 55575

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	265.0		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 880-29520-3 MS
Matrix: Solid
Analysis Batch: 55575

Client Sample ID: TMW-1 (13'-15')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	880	F1	250	1103	F1	mg/Kg		89	90 - 110		

Lab Sample ID: 880-29520-3 MSD
Matrix: Solid
Analysis Batch: 55575

Client Sample ID: TMW-1 (13'-15')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	880	F1	250	1092	F1	mg/Kg		85	90 - 110	1	20

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

GC VOA

Prep Batch: 55739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29520-1	TMW-1 (3'-5')	Total/NA	Solid	5035	
880-29520-2	TMW-1 (8'-10')	Total/NA	Solid	5035	
880-29520-3	TMW-1 (13'-15')	Total/NA	Solid	5035	
880-29520-4	TMW-1 (18'-20')	Total/NA	Solid	5035	
880-29520-5	TMW-1 (23'-25')	Total/NA	Solid	5035	
880-29520-6	TMW-1 (28'-30')	Total/NA	Solid	5035	
880-29520-7	TMW-1 (33'-35')	Total/NA	Solid	5035	
880-29520-8	TMW-1 (38'-40')	Total/NA	Solid	5035	
880-29520-9	TMW-1 (43'-45')	Total/NA	Solid	5035	
880-29520-10	TMW-1 (48'-50')	Total/NA	Solid	5035	
MB 880-55739/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-55739/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-55739/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-29648-A-21-G MS	Matrix Spike	Total/NA	Solid	5035	
880-29648-A-21-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 55778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29520-1	TMW-1 (3'-5')	Total/NA	Solid	8021B	55739
880-29520-2	TMW-1 (8'-10')	Total/NA	Solid	8021B	55739
880-29520-3	TMW-1 (13'-15')	Total/NA	Solid	8021B	55739
880-29520-4	TMW-1 (18'-20')	Total/NA	Solid	8021B	55739
880-29520-5	TMW-1 (23'-25')	Total/NA	Solid	8021B	55739
880-29520-6	TMW-1 (28'-30')	Total/NA	Solid	8021B	55739
880-29520-7	TMW-1 (33'-35')	Total/NA	Solid	8021B	55739
880-29520-8	TMW-1 (38'-40')	Total/NA	Solid	8021B	55739
880-29520-9	TMW-1 (43'-45')	Total/NA	Solid	8021B	55739
880-29520-10	TMW-1 (48'-50')	Total/NA	Solid	8021B	55739
MB 880-55739/5-A	Method Blank	Total/NA	Solid	8021B	55739
LCS 880-55739/1-A	Lab Control Sample	Total/NA	Solid	8021B	55739
LCSD 880-55739/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	55739
880-29648-A-21-G MS	Matrix Spike	Total/NA	Solid	8021B	55739
880-29648-A-21-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	55739

Analysis Batch: 55921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29520-1	TMW-1 (3'-5')	Total/NA	Solid	Total BTEX	
880-29520-2	TMW-1 (8'-10')	Total/NA	Solid	Total BTEX	
880-29520-3	TMW-1 (13'-15')	Total/NA	Solid	Total BTEX	
880-29520-4	TMW-1 (18'-20')	Total/NA	Solid	Total BTEX	
880-29520-5	TMW-1 (23'-25')	Total/NA	Solid	Total BTEX	
880-29520-6	TMW-1 (28'-30')	Total/NA	Solid	Total BTEX	
880-29520-7	TMW-1 (33'-35')	Total/NA	Solid	Total BTEX	
880-29520-8	TMW-1 (38'-40')	Total/NA	Solid	Total BTEX	
880-29520-9	TMW-1 (43'-45')	Total/NA	Solid	Total BTEX	
880-29520-10	TMW-1 (48'-50')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

GC Semi VOA

Analysis Batch: 55544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29520-1	TMW-1 (3'-5')	Total/NA	Solid	8015B NM	55613
880-29520-2	TMW-1 (8'-10')	Total/NA	Solid	8015B NM	55613
880-29520-3	TMW-1 (13'-15')	Total/NA	Solid	8015B NM	55613
880-29520-4	TMW-1 (18'-20')	Total/NA	Solid	8015B NM	55613
880-29520-5	TMW-1 (23'-25')	Total/NA	Solid	8015B NM	55613
880-29520-6	TMW-1 (28'-30')	Total/NA	Solid	8015B NM	55613
880-29520-7	TMW-1 (33'-35')	Total/NA	Solid	8015B NM	55613
880-29520-8	TMW-1 (38'-40')	Total/NA	Solid	8015B NM	55613
880-29520-9	TMW-1 (43'-45')	Total/NA	Solid	8015B NM	55613
880-29520-10	TMW-1 (48'-50')	Total/NA	Solid	8015B NM	55613
MB 880-55613/1-A	Method Blank	Total/NA	Solid	8015B NM	55613
LCS 880-55613/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	55613
LCSD 880-55613/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	55613
880-29520-1 MS	TMW-1 (3'-5')	Total/NA	Solid	8015B NM	55613
880-29520-1 MSD	TMW-1 (3'-5')	Total/NA	Solid	8015B NM	55613

Prep Batch: 55613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29520-1	TMW-1 (3'-5')	Total/NA	Solid	8015NM Prep	
880-29520-2	TMW-1 (8'-10')	Total/NA	Solid	8015NM Prep	
880-29520-3	TMW-1 (13'-15')	Total/NA	Solid	8015NM Prep	
880-29520-4	TMW-1 (18'-20')	Total/NA	Solid	8015NM Prep	
880-29520-5	TMW-1 (23'-25')	Total/NA	Solid	8015NM Prep	
880-29520-6	TMW-1 (28'-30')	Total/NA	Solid	8015NM Prep	
880-29520-7	TMW-1 (33'-35')	Total/NA	Solid	8015NM Prep	
880-29520-8	TMW-1 (38'-40')	Total/NA	Solid	8015NM Prep	
880-29520-9	TMW-1 (43'-45')	Total/NA	Solid	8015NM Prep	
880-29520-10	TMW-1 (48'-50')	Total/NA	Solid	8015NM Prep	
MB 880-55613/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-55613/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-55613/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-29520-1 MS	TMW-1 (3'-5')	Total/NA	Solid	8015NM Prep	
880-29520-1 MSD	TMW-1 (3'-5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 55640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29520-1	TMW-1 (3'-5')	Total/NA	Solid	8015 NM	
880-29520-2	TMW-1 (8'-10')	Total/NA	Solid	8015 NM	
880-29520-3	TMW-1 (13'-15')	Total/NA	Solid	8015 NM	
880-29520-4	TMW-1 (18'-20')	Total/NA	Solid	8015 NM	
880-29520-5	TMW-1 (23'-25')	Total/NA	Solid	8015 NM	
880-29520-6	TMW-1 (28'-30')	Total/NA	Solid	8015 NM	
880-29520-7	TMW-1 (33'-35')	Total/NA	Solid	8015 NM	
880-29520-8	TMW-1 (38'-40')	Total/NA	Solid	8015 NM	
880-29520-9	TMW-1 (43'-45')	Total/NA	Solid	8015 NM	
880-29520-10	TMW-1 (48'-50')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

HPLC/IC

Leach Batch: 55522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29520-1	TMW-1 (3'-5')	Soluble	Solid	DI Leach	
880-29520-2	TMW-1 (8'-10')	Soluble	Solid	DI Leach	
880-29520-3	TMW-1 (13'-15')	Soluble	Solid	DI Leach	
880-29520-4	TMW-1 (18'-20')	Soluble	Solid	DI Leach	
880-29520-5	TMW-1 (23'-25')	Soluble	Solid	DI Leach	
880-29520-6	TMW-1 (28'-30')	Soluble	Solid	DI Leach	
880-29520-7	TMW-1 (33'-35')	Soluble	Solid	DI Leach	
880-29520-8	TMW-1 (38'-40')	Soluble	Solid	DI Leach	
880-29520-9	TMW-1 (43'-45')	Soluble	Solid	DI Leach	
880-29520-10	TMW-1 (48'-50')	Soluble	Solid	DI Leach	
MB 880-55522/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-55522/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-55522/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-29520-3 MS	TMW-1 (13'-15')	Soluble	Solid	DI Leach	
880-29520-3 MSD	TMW-1 (13'-15')	Soluble	Solid	DI Leach	

Analysis Batch: 55575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-29520-1	TMW-1 (3'-5')	Soluble	Solid	300.0	55522
880-29520-2	TMW-1 (8'-10')	Soluble	Solid	300.0	55522
880-29520-3	TMW-1 (13'-15')	Soluble	Solid	300.0	55522
880-29520-4	TMW-1 (18'-20')	Soluble	Solid	300.0	55522
880-29520-5	TMW-1 (23'-25')	Soluble	Solid	300.0	55522
880-29520-6	TMW-1 (28'-30')	Soluble	Solid	300.0	55522
880-29520-7	TMW-1 (33'-35')	Soluble	Solid	300.0	55522
880-29520-8	TMW-1 (38'-40')	Soluble	Solid	300.0	55522
880-29520-9	TMW-1 (43'-45')	Soluble	Solid	300.0	55522
880-29520-10	TMW-1 (48'-50')	Soluble	Solid	300.0	55522
MB 880-55522/1-A	Method Blank	Soluble	Solid	300.0	55522
LCS 880-55522/2-A	Lab Control Sample	Soluble	Solid	300.0	55522
LCSD 880-55522/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	55522
880-29520-3 MS	TMW-1 (13'-15')	Soluble	Solid	300.0	55522
880-29520-3 MSD	TMW-1 (13'-15')	Soluble	Solid	300.0	55522

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Client Sample ID: TMW-1 (3'-5')

Lab Sample ID: 880-29520-1
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	55739	06/16/23 17:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55778	06/19/23 15:18	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55921	06/20/23 12:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55640	06/15/23 19:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	55613	06/15/23 13:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55544	06/15/23 16:50	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	55522	06/15/23 10:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	55575	06/15/23 17:38	CH	EET MID

Client Sample ID: TMW-1 (8'-10')

Lab Sample ID: 880-29520-2
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	55739	06/16/23 17:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55778	06/19/23 15:38	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55921	06/20/23 12:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55640	06/15/23 19:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	55613	06/15/23 13:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55544	06/15/23 18:24	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	55522	06/15/23 10:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	55575	06/15/23 17:44	CH	EET MID

Client Sample ID: TMW-1 (13'-15')

Lab Sample ID: 880-29520-3
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	55739	06/16/23 17:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55778	06/19/23 15:59	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55921	06/20/23 12:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55640	06/15/23 19:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	55613	06/15/23 13:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55544	06/15/23 18:47	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	55522	06/15/23 10:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	55575	06/15/23 17:50	CH	EET MID

Client Sample ID: TMW-1 (18'-20')

Lab Sample ID: 880-29520-4
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	55739	06/16/23 17:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55778	06/19/23 16:20	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55921	06/20/23 12:15	AJ	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Client Sample ID: TMW-1 (18'-20')

Lab Sample ID: 880-29520-4
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			55640	06/16/23 15:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	55613	06/15/23 13:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55544	06/15/23 19:11	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	55522	06/15/23 10:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	55575	06/15/23 18:06	CH	EET MID

Client Sample ID: TMW-1 (23'-25')

Lab Sample ID: 880-29520-5
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	55739	06/16/23 17:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55778	06/19/23 16:40	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55921	06/20/23 12:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55640	06/16/23 15:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	55613	06/15/23 13:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55544	06/15/23 19:35	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	55522	06/15/23 10:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	55575	06/15/23 18:12	CH	EET MID

Client Sample ID: TMW-1 (28'-30')

Lab Sample ID: 880-29520-6
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	55739	06/16/23 17:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55778	06/19/23 18:27	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55921	06/20/23 12:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55640	06/16/23 15:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	55613	06/15/23 13:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55544	06/15/23 19:58	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	55522	06/15/23 10:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	55575	06/15/23 18:28	CH	EET MID

Client Sample ID: TMW-1 (33'-35')

Lab Sample ID: 880-29520-7
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	55739	06/16/23 17:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55778	06/19/23 18:47	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55921	06/20/23 12:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55640	06/16/23 15:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	55613	06/15/23 13:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55544	06/15/23 20:45	AJ	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Client Sample ID: TMW-1 (33'-35')

Lab Sample ID: 880-29520-7
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	55522	06/15/23 10:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	55575	06/15/23 18:34	CH	EET MID

Client Sample ID: TMW-1 (38'-40')

Lab Sample ID: 880-29520-8
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	55739	06/16/23 17:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55778	06/19/23 19:08	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55921	06/20/23 12:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55640	06/16/23 15:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	55613	06/15/23 13:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55544	06/15/23 21:08	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	55522	06/15/23 10:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	55575	06/15/23 18:39	CH	EET MID

Client Sample ID: TMW-1 (43'-45')

Lab Sample ID: 880-29520-9
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	55739	06/16/23 17:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55778	06/19/23 19:29	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55921	06/20/23 12:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55640	06/16/23 15:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	55613	06/15/23 13:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55544	06/15/23 21:31	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	55522	06/15/23 10:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	55575	06/15/23 18:45	CH	EET MID

Client Sample ID: TMW-1 (48'-50')

Lab Sample ID: 880-29520-10
Matrix: Solid
Date Collected: 06/13/23 00:00
Date Received: 06/14/23 14:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	55739	06/16/23 17:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	55778	06/19/23 19:49	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			55921	06/20/23 12:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			55640	06/16/23 15:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	55613	06/15/23 13:34	AJ	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	55544	06/15/23 21:54	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	55522	06/15/23 10:00	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	55575	06/15/23 18:51	CH	EET MID

Lab Chronicle

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Laboratory References:

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

Accreditation/Certification Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

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

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

Method Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: NT Global
Project/Site: Diamondback 24-25 CTB

Job ID: 880-29520-1
SDG: Lea County

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-29520-1	TMW-1 (3'-5')	Solid	06/13/23 00:00	06/14/23 14:06
880-29520-2	TMW-1 (8'-10')	Solid	06/13/23 00:00	06/14/23 14:06
880-29520-3	TMW-1 (13'-15')	Solid	06/13/23 00:00	06/14/23 14:06
880-29520-4	TMW-1 (18'-20')	Solid	06/13/23 00:00	06/14/23 14:06
880-29520-5	TMW-1 (23'-25')	Solid	06/13/23 00:00	06/14/23 14:06
880-29520-6	TMW-1 (28'-30')	Solid	06/13/23 00:00	06/14/23 14:06
880-29520-7	TMW-1 (33'-35')	Solid	06/13/23 00:00	06/14/23 14:06
880-29520-8	TMW-1 (38'-40')	Solid	06/13/23 00:00	06/14/23 14:06
880-29520-9	TMW-1 (43'-45')	Solid	06/13/23 00:00	06/14/23 14:06
880-29520-10	TMW-1 (48'-50')	Solid	06/13/23 00:00	06/14/23 14:06

Released to Imaging: 4/2/2025 11:15:09 AM
Received by OCD: 12/17/2024 1:26:22 PM

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: 29520

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone Operating LLC
Address:	701 Tradewinds Blvd	Address:	600 N Marienfeld, Suite 1000
City, State ZIP:	Midland TX, 79701	City, State ZIP:	Midland TX,79701
Phone:	432-766-1918	Email:	Jkindley@ntglobal.com, Bhaskell@ntglobal.com

Work Order Comments

Program: UST/PS☐ PR☐ Brownfiel☐ RP☐ Super☐

State of Project:

Reporting Level ☐ Level I☐ PST/US☐ TRP☐ Le☐l

Deliverables EDD☒ ADaPT☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location:	Lea County	Due Date:	
Sampler's Name:	Jeff Kindley	TAT starts the day received by the lab if received by 4 30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-.30
Sample Custody Seals:	Yes No N/A	Temperature Reading:	5.6
Total Containers:	56	Corrected Temperature:	5.3

Preservative Codes

None NO; DI Water H_2O; Cool Cool; MeOH Me; HCL HC; HNO_3 HN; H_2SO_4 H_2; NaOH Na; H_3PO_4 HP; $NaHSO_4$ NABIS; $Na_2S_2O_3$ $NaSO_3$; Zn Acetate+NaOH Zn; NaOH+Ascorbic Acid SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
TMW-1 (3'-5')	6/13/2023		x		Grab	1		x	x	x		
TMW-1 (8'-10')	6/13/2023		x		Grab	1		x	x	x		
TMW-1 (13'-15')	6/13/2023		x		Grab/	1		x	x	x		
TMW-1 (18'-20')	6/13/2023		x		Grab/	1		x	x	x		
TMW-1 (23'-25')	6/13/2023		x		Grab/	1		x	x	x		
TMW-1 (28'-30')	6/13/2023		x		Grab/	1		x	x	x		
TMW-1 (33'-35')	6/13/2023		x		Grab/	1		x	x	x		
TMW-1 (38'-40')	6/13/2023		x		Grab/	1		x	x	x		
TMW-1 (43'-45')	6/13/2023		x		Grab/	1		x	x	x		
TMW-1 (48'-50')	6/13/2023		x		Grab/	1		x	x	x		

880-29520 Chain of Custody

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2		12/14/23
3			4		
5			6		

Revised Date 05012020 Rev 2020.1

Login Sample Receipt Checklist

Client: NT Global

Job Number: 880-29520-1
SDG Number: Lea County

Login Number: 29520
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 09, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: DIAMONDBACK 24-25 CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/02/23 11:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H - 9 (0') (H234077-01)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.16	108	2.00	1.49	
Toluene*	<0.050	0.050	08/07/2023	ND	2.10	105	2.00	1.03	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	2.01	101	2.00	1.64	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	6.06	101	6.00	2.06	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *79.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	169	84.5	200	3.98	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	191	95.6	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *99.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H - 10 (0') (H234077-02)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.16	108	2.00	1.49	
Toluene*	<0.050	0.050	08/07/2023	ND	2.10	105	2.00	1.03	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	2.01	101	2.00	1.64	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	6.06	101	6.00	2.06	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *82.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	169	84.5	200	3.98	
DRO >C10-C28*	**11.2**	10.0	08/07/2023	ND	191	95.6	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *95.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H - 11 (0') (H234077-03)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.16	108	2.00	1.49	
Toluene*	<0.050	0.050	08/07/2023	ND	2.10	105	2.00	1.03	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	2.01	101	2.00	1.64	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	6.06	101	6.00	2.06	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *85.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	169	84.5	200	3.98	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	191	95.6	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H - 12 (0') (H234077-04)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.16	108	2.00	1.49	
Toluene*	<0.050	0.050	08/07/2023	ND	2.10	105	2.00	1.03	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	2.01	101	2.00	1.64	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	6.06	101	6.00	2.06	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *85.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	169	84.5	200	3.98	
DRO >C10-C28*	**179**	10.0	08/07/2023	ND	191	95.6	200	5.26	
EXT DRO >C28-C36	**118**	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *100 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *117 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H - 13 (0') (H234077-05)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.16	108	2.00	1.49	
Toluene*	<0.050	0.050	08/07/2023	ND	2.10	105	2.00	1.03	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	2.01	101	2.00	1.64	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	6.06	101	6.00	2.06	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *83.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1380**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS S-06

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<100	100	08/08/2023	ND	169	84.5	200	3.98	
DRO >C10-C28*	**10600**	100	08/08/2023	ND	191	95.6	200	5.26	
EXT DRO >C28-C36	**2890**	100	08/08/2023	ND					

Surrogate: 1-Chlorooctane *91.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *524 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H - 14 (0') (H234077-06)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.16	108	2.00	1.49	
Toluene*	<0.050	0.050	08/07/2023	ND	2.10	105	2.00	1.03	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	2.01	101	2.00	1.64	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	6.06	101	6.00	2.06	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *83.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1490**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	169	84.5	200	3.98	
DRO >C10-C28*	**1470**	10.0	08/07/2023	ND	191	95.6	200	5.26	
EXT DRO >C28-C36	**862**	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *92.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *197 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H - 15 (0') (H234077-07)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	169	84.5	200	3.98	
DRO >C10-C28*	**64.0**	10.0	08/07/2023	ND	191	95.6	200	5.26	
EXT DRO >C28-C36	**50.2**	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *94.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	07/31/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 16 (0-6") (H234077-08)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	169	84.5	200	3.98	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	191	95.6	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *90.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.1 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	07/31/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 16 (1-1.5') (H234077-09)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	169	84.5	200	3.98	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	191	95.6	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *99.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	07/31/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 16 (2-2.5') (H234077-10)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	169	84.5	200	3.98	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	191	95.6	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *95.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	07/31/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 16 (3-3.5') (H234077-11)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	169	84.5	200	3.98	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	191	95.6	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *94.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	07/31/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 16 (4-4.5') (H234077-12)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/08/2023	ND	169	84.5	200	3.98	
DRO >C10-C28*	<10.0	10.0	08/08/2023	ND	191	95.6	200	5.26	
EXT DRO >C28-C36	<10.0	10.0	08/08/2023	ND					

Surrogate: 1-Chlorooctane *90.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	07/31/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 17 (4-4.5') (H234077-13)

BTEX 8021B mg/kg Analyzed By: JH/ S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	**0.066**	0.050	08/08/2023	ND	2.05	103	2.00	1.66	
Toluene*	**1.72**	0.050	08/08/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	**3.12**	0.050	08/08/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	**9.84**	0.150	08/08/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	**14.7**	0.300	08/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *170 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1020**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**388**	10.0	08/08/2023	ND	169	84.5	200	3.98	
DRO >C10-C28*	**4770**	10.0	08/08/2023	ND	191	95.6	200	5.26	
EXT DRO >C28-C36	**876**	10.0	08/08/2023	ND					

Surrogate: 1-Chlorooctane *148 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *134 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	07/31/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 17 (5-5.5') (H234077-14)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	**13.0**	1.00	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	**20.4**	1.00	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	**43.7**	3.00	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	**77.1**	6.00	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *130 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3600**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**912**	10.0	08/07/2023	ND	165	82.5	200	6.32	QM-07
DRO >C10-C28*	**4260**	10.0	08/07/2023	ND	168	84.0	200	7.87	QM-07
EXT DRO >C28-C36	**857**	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *151 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	07/31/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 17 (6-6.5') (H234077-15)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	**6.18**	1.00	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	**13.8**	1.00	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	**30.7**	3.00	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	**50.7**	6.00	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *127 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3280**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**1100**	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	**6580**	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	**1330**	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *176 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *149 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	07/31/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 17 (7-7.5') (H234077-16)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	**16.4**	1.00	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	**24.0**	1.00	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	**49.1**	3.00	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	**89.5**	6.00	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *128 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6160**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**1400**	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	**6080**	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	**1210**	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *180 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *140 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	07/31/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 17 (8-8.5') (H234077-17)

BTEX 8021B mg/kg Analyzed By: JH/ S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	08/08/2023	ND	2.05	103	2.00	1.66	
Toluene*	**3.16**	0.100	08/08/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	**8.15**	0.100	08/08/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	**19.7**	0.300	08/08/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	**31.0**	0.600	08/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *164 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7760**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**649**	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	**5070**	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	**1100**	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *142 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *132 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 18 (4-4.5') (H234077-18)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/07/2023	ND	400	100	400	11.3	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	**19.7**	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *79.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.1 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 18 (5-5.5') (H234077-19)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *83.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.2 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 18 (6-6.5') (H234077-20)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	**21.6**	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *79.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 18 (7-7.5') (H234077-21)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *78.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.2 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 18 (8-8.5') (H234077-22)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *69.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.2 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 19 (0-6") (H234077-23)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *83.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.0 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 19 (1-1.5') (H234077-24)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *83.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 19 (2-2.5') (H234077-25)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *84.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.4 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 19 (3-3.5') (H234077-26)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.05	103	2.00	1.66	
Toluene*	<0.050	0.050	08/07/2023	ND	1.97	98.5	2.00	3.79	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	1.96	98.2	2.00	2.89	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	5.74	95.7	6.00	2.59	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	**17.7**	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *84.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 19 (4-4.5') (H234077-27)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/07/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *84.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.1 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	07/31/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 20 (0-6") (H234077-28)

BTEX 8021B mg/kg Analyzed By: JH S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	11.7	
Toluene*	**1.09**	0.050	08/07/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	**1.60**	0.050	08/07/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	**4.73**	0.150	08/07/2023	ND	6.99	116	6.00	17.8	
Total BTEX	**7.43**	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *220 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**105**	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	**3120**	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	**647**	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *98.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	07/31/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 20 (1-1.5') (H234077-29)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/07/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	**105**	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	**25.4**	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *78.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.5 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	07/31/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 20 (2-2.5') (H234077-30)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	11.7	
Toluene*	**0.056**	0.050	08/07/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	**0.122**	0.050	08/07/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	**0.320**	0.150	08/07/2023	ND	6.99	116	6.00	17.8	
Total BTEX	**0.500**	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	**200**	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	**47.9**	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *80.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.6 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	07/31/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 20 (3-3.5') (H234077-31)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/07/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *75.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.4 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	07/31/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 20 (4-4.5') (H234077-32)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/07/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *78.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 21 (0-6") (H234077-33)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/07/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	165	82.5	200	6.32	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	168	84.0	200	7.87	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *80.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.0 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 21 (1-1.5') (H234077-34)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/07/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *75.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *75.6 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 21 (2-2.5') (H234077-35)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/07/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *71.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *74.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 21 (3-3.5') (H234077-36)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/07/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *74.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *74.4 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 21 (4-4.5') (H234077-37)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/07/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *73.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.6 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 22 (0-6") (H234077-38)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/07/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	08/07/2023	ND	416	104	400	7.41	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *76.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *76.7 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 22 (1-1.5') (H234077-39)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/07/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/07/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/07/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/07/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/07/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	08/07/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *74.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 22 (2-2.5') (H234077-40)

BTEX 8021B mg/kg **Analyzed By: JH**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/08/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	08/07/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *72.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *71.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 22 (3-3.5') (H234077-41)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/08/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	08/07/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *73.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *72.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 22 (4-4.5') (H234077-42)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/08/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	08/07/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *71.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *70.5 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 23 (0-6") (H234077-43)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/08/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6640**	16.0	08/07/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	**36.5**	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *68.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *72.0 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 23 (1-1.5') (H234077-44)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/08/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1730**	16.0	08/07/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *75.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.0 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 23 (2-2.5') (H234077-45)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/08/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2280**	16.0	08/07/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *84.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.2 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 23 (3-3.5') (H234077-46)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.00	100	2.00	11.7	
Toluene*	<0.050	0.050	08/08/2023	ND	2.19	109	2.00	16.6	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	2.28	114	2.00	17.4	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	6.99	116	6.00	17.8	
Total BTEX	<0.300	0.300	08/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1280**	16.0	08/07/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *81.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 23 (4-4.5') (H234077-47)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.08	104	2.00	2.45	
Toluene*	<0.050	0.050	08/08/2023	ND	1.99	99.7	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	2.02	101	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	6.06	101	6.00	1.70	
Total BTEX	<0.300	0.300	08/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1880**	16.0	08/07/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *78.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.3 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 24 (0-6") (H234077-48)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.08	104	2.00	2.45	
Toluene*	<0.050	0.050	08/08/2023	ND	1.99	99.7	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	2.02	101	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	6.06	101	6.00	1.70	
Total BTEX	<0.300	0.300	08/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4480**	16.0	08/07/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	**2590**	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	**776**	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *189 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 24 (1-1.5') (H234077-49)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.08	104	2.00	2.45	
Toluene*	<0.050	0.050	08/08/2023	ND	1.99	99.7	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	2.02	101	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	6.06	101	6.00	1.70	
Total BTEX	<0.300	0.300	08/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg **Analyzed By: AC**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3760**	16.0	08/07/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	**1940**	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	**688**	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *49.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *126 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 24 (2-2.5') (H234077-50)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.08	104	2.00	2.45	
Toluene*	<0.050	0.050	08/08/2023	ND	1.99	99.7	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	2.02	101	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	6.06	101	6.00	1.70	
Total BTEX	<0.300	0.300	08/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**816**	16.0	08/07/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *70.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *69.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 24 (3-3.5') (H234077-51)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.08	104	2.00	2.45	
Toluene*	<0.050	0.050	08/08/2023	ND	1.99	99.7	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	2.02	101	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	6.06	101	6.00	1.70	
Total BTEX	<0.300	0.300	08/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**464**	16.0	08/07/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *71.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *70.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/02/2023	Sampling Date:	08/01/2023
Reported:	08/09/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S - 24 (4-4.5') (H234077-52)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/08/2023	ND	2.08	104	2.00	2.45	
Toluene*	<0.050	0.050	08/08/2023	ND	1.99	99.7	2.00	2.50	
Ethylbenzene*	<0.050	0.050	08/08/2023	ND	2.02	101	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/08/2023	ND	6.06	101	6.00	1.70	
Total BTEX	<0.300	0.300	08/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1260**	16.0	08/07/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/07/2023	ND	167	83.3	200	5.15	
DRO >C10-C28*	<10.0	10.0	08/07/2023	ND	151	75.5	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	08/07/2023	ND					

Surrogate: 1-Chlorooctane *78.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.7 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Page 1 / 6

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name:	NTGE
Project Manager:	Becky Haskell
Address:	209 W McKay St
City:	Carlsbad State: NM Zip: 88220
Phone #:	Fax #:
Project #:	226700 Project Owner: Earthstone
Project Name:	Diamondback 24-25 CTB
Project Location:	Lea Co, NM
Sampler Name:	Dmitry Nikonorov

BILL TO

P.O. #:	
Company:	Earthstone
Attn:	Chris Martin
Address:	
City:	
State:	Zip:
Phone #:	
Fax #:	

ANALYSIS REQUEST

BTEX
TPH
CHLORIDE

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING DATE	TIME
H234677														
1	H-9 (0')	G	1			X					X		8/1/23	0900
2	H-10 (0')	G	1			X					X			0910
3	H-11 (0')	G	1			X					X			0920
4	H-12 (0')	G	1			X					X			0930
5	H-13 (0')	G	1			X					X			0940
6	H-14 (0')	G	1			X					X			0950
7	H-15 (0')	G	1			X					X			1000
8	S-16 (0-6")	G	1			X					X		7/31/23	0900
9	S-16 (1-1.5')	G	1			X					X			0910
10	S-16 (2-2.5')	G	1			X					X			0920

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Relinquished By:	Date: 8-2-23	Received By:	
	Time: 1155		
Relinquished By:	Date:	Received By:	
	Time:		

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:

REMARKS:

Delivered By: (Circle One)	Observed Temp. °C 1.8	Sample Condition Cool: ☑ Yes ☐ No	Intact: ☑ Yes ☐ No	CHECKED BY: (Initials)	Turnaround Time: ☒ Standard ☐ Rush
Sampler - UPS - Bus - Other:	Corrected Temp. °C				Thermometer ID #140 Correction Factor 0°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

FORM-006 R 3.4 07/11/23

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	NTG
Project Manager:	
Address:	
City:	State: Zip:
Phone #:	Fax #:
Project #:	Project Owner:
Project Name:	
Project Location:	
Sampler Name:	

BILL TO

P.O. #:	
Company:	
Attn:	
Address:	
City:	
State: Zip:	
Phone #:	
Fax #:	

ANALYSIS REQUEST

BTEX
TPH
CHLORIDES

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE	SAMPLING TIME
H234077														
11	S-16 (3-3.5')	G	1			X					X		7/31/23	0930
12	S-16 (4-4.5')													0940
13	S-17 (4-4.5')													0950
14	S-17 (5-5.5')													1000
15	S-17 (6-6.5')													1010
16	S-17 (7-7.5')													1020
17	S-17 (8-8.5')													1030
18	S-18 (4-4.5')												8/1/23	1005
19	S-18 (5-5.5')													1010
20	S-18 (6-6.5')													1015

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Relinquished By:	Date: 8-2-23	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1155		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		

Delivered By: (Circle One)	Observed Temp. °C 1.8	Sample Condition Cool ☑ Yes Intact ☑ Yes	CHECKED BY: (Initials)	Turnaround Time: Standard ☒ Rush ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C	☐ No ☐ No	YO	Thermometer ID #140 Correction Factor 0°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	NTG
Project Manager:	
Address:	
City:	State: Zip:
Phone #:	Fax #:
Project #:	Project Owner:
Project Name:	
Project Location:	
Sampler Name:	

BILL TO

P.O. #:	
Company:	
Attn:	
Address:	
City:	
State: Zip:	
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE	SAMPLING TIME	BTEX	TPH	CHLORIDE
H234077																		
21	S-18	(7-7.5')	S	1			X					X		8/1/23	1020	X	X	X
22	S-18	(8-8.5')													1025			
23	S-19	(0-6")													1030			
24	S-19	(1-1.5')													1035			
25	S-19	(2-2.5')													1040			
26	S-19	(3-3.5')													1045			
27	S-19	(4-4.5')													1050			
28	S-20	(0-6")												7/31/23	1035			
29	S-20	(1-1.5')													1040			
30	S-20	(2-2.5')													1045			

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Relinquished By:	Date: 8-2-23 Time: 1155	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address:
Delivered By: (Circle One)	Observed Temp. °C 1.8	Sample Condition Cool Intact ☐ Yes ☑ Yes ☐ No ☐ No	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other:	Corrected Temp. °C		REMARKS:

Turnaround Time: Standard ☐ Rush ☐
Thermometer ID #140
Correction Factor 0°C

Bacteria (only) Sample Condition
Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

FORM-006 R 3.4 07/11/23

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	NTG
Project Manager:	
Address:	
City:	State: Zip:
Phone #:	Fax #:
Project #:	Project Owner:
Project Name:	
Project Location:	
Sampler Name:	

BILL TO

P.O. #:	
Company:	
Attn:	
Address:	
City:	
State: Zip:	
Phone #:	
Fax #:	

ANALYSIS REQUEST

BTEX
TPH
CHLORIDES

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE	SAMPLING TIME
H234077														
31	S-20 (3-3.5')	G	1			X					X		7/31/23	1050
32	S-20 (4-4.5')												↓	1055
33	S-21 (0-6")												8/1/23	1055
34	S-21 (1-1.5')													1100
35	S-21 (2-2.5')													1105
36	S-21 (3-3.5')													1110
37	S-21 (4-4.5')													1115
38	S-22 (0-6")													1120
39	S-22 (1-1.5')													1125
40	S-22 (2-2.5')													1130

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Relinquished By: — Date: 8-2-23 — Time: 1155 — Received By:

Relinquished By: — Date: — Time: — Received By:

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:

REMARKS:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Observed Temp. °C 1.8
Corrected Temp. °C

Sample Condition: Cool ☑ Yes ☐ No — Intact ☑ Yes ☐ No

CHECKED BY: (Initials) JO

Turnaround Time: Standard ☒ Rush ☐

Thermometer ID #140
Correction Factor 0°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No — Intact ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

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CARDINAL Laboratories

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	NTG
Project Manager:	
Address:	
City:	State: Zip:
Phone #:	Fax #:
Project #:	Project Owner:
Project Name:	
Project Location:	
Sampler Name:	

BILL TO

P.O. #:	
Company:	
Attn:	
Address:	
City:	
State: Zip:	
Phone #:	
Fax #:	

ANALYSIS REQUEST

BTEX
TPH
CHLORIDES

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE	TIME
H234077														
41	S-22 (3-3.5')	G	1			X					X		8/1/23	1135
42	S-22 (4-4.5')													1140
43	S-23 (0-6")													1145
44	S-23 (1-1.5')													1150
45	S-23 (2-2.5')													1155
46	S-23 (3-3.5')													1200
47	S-23 (4-4.5')													1205
48	S-24 (0-6")													1210
49	S-24 (1-1.5')													1215
50	S-24 (2-2.5')													1220

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Relinquished By:	Date: 8-2-23	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1155		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		

Delivered By: (Circle One)	Observed Temp. °C 1.8	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Standard ☒ Rush ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C	☑ Yes ☑ Yes ☐ No ☐ No	YO	Thermometer ID #140 Correction Factor 0°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	NTG
Project Manager:	
Address:	
City:	State: Zip:
Phone #:	Fax #:
Project #:	Project Owner:
Project Name:	
Project Location:	
Sampler Name:	

BILL TO

P.O. #:	
Company:	
Attn:	
Address:	
City:	
State: Zip:	
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME
H234077-51	S-24 (3-3.5')	G	1			X					X		8/1/23	1225
-52	S-24 (4-4.5')	G	1			X					X		8/1/23	1230

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Relinquished By:	Date: 8-2-23	Received By:	
	Time: 1155		
Relinquished By:	Date:	Received By:	
	Time:		

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:

REMARKS:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Observed Temp. °C 1.8
Corrected Temp. °C

Sample Condition: Cool ☑ Yes ☐ No; Intact ☑ Yes ☐ No

CHECKED BY: (Initials) TO

Turnaround Time: Standard ☒ Rush ☐

Thermometer ID #140
Correction Factor 0°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

FORM-006 R 3.4 07/11/23

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 22, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: DIAMONDBACK 24-25 CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/16/23 12:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 12 0-6" (H234430-01)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.03	102	2.00	3.35	
Toluene*	<0.050	0.050	08/17/2023	ND	1.92	95.8	2.00	2.88	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	2.00	99.8	2.00	2.43	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.92	98.7	6.00	2.77	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	197	98.3	200	5.17	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	185	92.4	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *71.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 12 1-1.5' (H234430-02)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.03	102	2.00	3.35	
Toluene*	<0.050	0.050	08/17/2023	ND	1.92	95.8	2.00	2.88	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	2.00	99.8	2.00	2.43	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.92	98.7	6.00	2.77	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *84.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.4 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 12 2-2.5' (H234430-03)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.93	96.7	2.00	3.20	
Toluene*	<0.050	0.050	08/17/2023	ND	1.85	92.4	2.00	3.89	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.88	94.2	2.00	2.82	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.70	95.0	6.00	2.45	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *93.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 12 3-3.5' (H234430-04)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.93	96.7	2.00	3.20	
Toluene*	<0.050	0.050	08/17/2023	ND	1.85	92.4	2.00	3.89	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.88	94.2	2.00	2.82	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.70	95.0	6.00	2.45	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *88.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 12 4-4.5' (H234430-05)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.93	96.7	2.00	3.20	
Toluene*	<0.050	0.050	08/17/2023	ND	1.85	92.4	2.00	3.89	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.88	94.2	2.00	2.82	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.70	95.0	6.00	2.45	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *80.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.6 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 12 5-5.5' (H234430-06)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.93	96.7	2.00	3.20	
Toluene*	<0.050	0.050	08/17/2023	ND	1.85	92.4	2.00	3.89	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.88	94.2	2.00	2.82	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.70	95.0	6.00	2.45	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *88.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 13 0-6" (H234430-07)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.93	96.7	2.00	3.20	
Toluene*	<0.050	0.050	08/17/2023	ND	1.85	92.4	2.00	3.89	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.88	94.2	2.00	2.82	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.70	95.0	6.00	2.45	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5120**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	**18.3**	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *83.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.4 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 13 1-1.5' (H234430-08)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.93	96.7	2.00	3.20	
Toluene*	<0.050	0.050	08/17/2023	ND	1.85	92.4	2.00	3.89	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.88	94.2	2.00	2.82	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.70	95.0	6.00	2.45	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *88.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 13 2-2.5' (H234430-09)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.93	96.7	2.00	3.20	
Toluene*	<0.050	0.050	08/17/2023	ND	1.85	92.4	2.00	3.89	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.88	94.2	2.00	2.82	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.70	95.0	6.00	2.45	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *77.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 13 3-3.5' (H234430-10)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.09	105	2.00	3.05	
Toluene*	<0.050	0.050	08/17/2023	ND	2.02	101	2.00	3.98	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.94	97.2	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.89	98.1	6.00	4.27	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *82.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 13 4-4.5' (H234430-11)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.09	105	2.00	3.05	
Toluene*	<0.050	0.050	08/17/2023	ND	2.02	101	2.00	3.98	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.94	97.2	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.89	98.1	6.00	4.27	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *95.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 13 5-5.5' (H234430-12)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.09	105	2.00	3.05	
Toluene*	<0.050	0.050	08/17/2023	ND	2.02	101	2.00	3.98	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.94	97.2	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.89	98.1	6.00	4.27	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *91.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 14 0-6" (H234430-13)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.09	105	2.00	3.05	
Toluene*	<0.050	0.050	08/17/2023	ND	2.02	101	2.00	3.98	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.94	97.2	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.89	98.1	6.00	4.27	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3800**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *81.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 14 1-1.5' (H234430-14)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.09	105	2.00	3.05	
Toluene*	<0.050	0.050	08/17/2023	ND	2.02	101	2.00	3.98	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.94	97.2	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.89	98.1	6.00	4.27	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.1 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *93.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 14 2-2.5' (H234430-15)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.09	105	2.00	3.05	
Toluene*	<0.050	0.050	08/17/2023	ND	2.02	101	2.00	3.98	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.94	97.2	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.89	98.1	6.00	4.27	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *92.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 14 3-3.5' (H234430-16)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.09	105	2.00	3.05	
Toluene*	<0.050	0.050	08/17/2023	ND	2.02	101	2.00	3.98	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.94	97.2	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.89	98.1	6.00	4.27	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *93.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 14 4-4.5' (H234430-17)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.09	105	2.00	3.05	
Toluene*	<0.050	0.050	08/17/2023	ND	2.02	101	2.00	3.98	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.94	97.2	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.89	98.1	6.00	4.27	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *90.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 14 5-5.5' (H234430-18)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *85.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.4 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 15 0-6" (H234430-19)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *85.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.6 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 15 1-1.5' (H234430-20)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *91.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 15 2-2.5' (H234430-21)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *85.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.6 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 15 3-3.5' (H234430-22)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *86.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.3 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 15 4-4.5' (H234430-23)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *90.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.9 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 15 5-5.5' (H234430-24)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *94.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H 12 A SURFACE (H234430-25)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *90.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.3 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H 13 A SURFACE (H234430-26)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *93.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H 14 A SURFACE (H234430-27)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *93.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H 15 A SURFACE (H234430-28)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *96.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Page 537 of 917

NTG ENVIRONMENTAL

Chain of Custody

Work Order No: H234430

Page 1 of 3

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Dmitry Nikanorov	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.9°C
Total Containers:	28	Corrected Temperature:	—

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
VH12	0-6"	8/15/2023	9:30	X		Grab	1		X	X	X		
VH12	1-1.5'	8/15/2023	9:40	X		Grab	1		X	X	X		
VH12	2-2.5'	8/15/2023	9:50	X		Grab	1		X	X	X		
VH12	3-3.5'	8/15/2023	10:00	X		Grab	1		X	X	X		
VH12	4-4.5'	8/15/2023	10:10	X		Grab	1		X	X	X		
VH12	5-5.5'	8/15/2023	10:20	X		Grab	1		X	X	X		
VH13	0-6"	8/15/2023	10:30	X		Grab	1		X	X	X		
VH13	1-1.5'	8/15/2023	10:40	X		Grab	1		X	X	X		
VH13	2-2.5'	8/15/2023	10:50	X		Grab	1		X	X	X		
VH13	3-3.5'	8/15/2023	11:00	X		Grab	1		X	X	X		

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			8/16/23 8:30am	2			8-16-23 1220
3				4			
5				6			

Revised Date 05012020 Rev. 2020.1

Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

Page 538 of 917

NTG ENVIRONMENTAL

Chain of Custody

Work Order No: H234430

Page 2 of 3

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Dmitry Nikanorov	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	—
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.9c
Total Containers:		Corrected Temperature:	—

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
11	VH13	4-4.5'	8/15/2023	11:10	X		Grab	1	X	X	X		
12	VH13	5-5.5'	8/15/2023	11:20	X		Grab	1	X	X	X		
13	VH14	0-6"	8/15/2023	11:30	X		Grab	1	X	X	X		
14	VH14	1-1.5'	8/15/2023	11:40	X		Grab	1	X	X	X		
15	VH14	2-2.5'	8/15/2023	11:50	X		Grab	1	X	X	X		
16	VH14	3-3.5'	8/15/2023	12:00	X		Grab	1	X	X	X		
	VH14	4-4.5'	8/15/2023	12:10	X		Grab	1	X	X	X		
	VH14	5-5.5'	8/15/2023	12:20	X		Grab	1	X	X	X		
	VH15	0-6"	8/15/2023	12:30	X		Grab	1	X	X	X		
	VH15	1-1.5'	8/15/2023	12:40	X		Grab	1	X	X	X		

Additional Comments:

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	DN					
2			8/16/23 8:26am			
3						
4						
5						
6						8-16-23 1220

Revised Date 05012020 Rev. 2020.1

Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

Page 539 of 917

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: H234430

Page 3 of 3

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Dmitry Nikanorov	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.9c
Total Containers:		Corrected Temperature:	—

Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
VH15	2-2.5'	8/15/2023	12:50	X		Grab	1		X	X	X		
VH15	3-3.5'	8/15/2023	13:00	X		Grab	1		X	X	X		
VH15	4-4.5'	8/15/2023	13:10	X		Grab	1		X	X	X		
VH15	5-5.5'	8/15/2023	13:20	X		Grab	1		X	X	X		
H12A	Surface	8/15/2023	13:30	X		Grab	1		X	X	X		
H13A	Surface	8/15/2023	13:40	X		Grab	1		X	X	X		
H14A	Surface	8/15/2023	13:50	X		Grab	1		X	X	X		
H15A	Surface	8/15/2023	14:00	X		Grab	1		X	X	X		

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	DN		8/16/23 8:26am	2			8-16-23 1320
3				4			
5				6			

Revised Date 05012020 Rev. 2020 1

Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 22, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: DIAMONDBACK 24-25 CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/16/23 12:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 12 0-6" (H234430-01)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.03	102	2.00	3.35	
Toluene*	<0.050	0.050	08/17/2023	ND	1.92	95.8	2.00	2.88	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	2.00	99.8	2.00	2.43	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.92	98.7	6.00	2.77	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	197	98.3	200	5.17	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	185	92.4	200	1.48	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *71.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 12 1-1.5' (H234430-02)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.03	102	2.00	3.35	
Toluene*	<0.050	0.050	08/17/2023	ND	1.92	95.8	2.00	2.88	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	2.00	99.8	2.00	2.43	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.92	98.7	6.00	2.77	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *84.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 12 2-2.5' (H234430-03)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.93	96.7	2.00	3.20	
Toluene*	<0.050	0.050	08/17/2023	ND	1.85	92.4	2.00	3.89	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.88	94.2	2.00	2.82	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.70	95.0	6.00	2.45	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *93.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 12 3-3.5' (H234430-04)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.93	96.7	2.00	3.20	
Toluene*	<0.050	0.050	08/17/2023	ND	1.85	92.4	2.00	3.89	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.88	94.2	2.00	2.82	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.70	95.0	6.00	2.45	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *88.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 12 4-4.5' (H234430-05)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.93	96.7	2.00	3.20	
Toluene*	<0.050	0.050	08/17/2023	ND	1.85	92.4	2.00	3.89	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.88	94.2	2.00	2.82	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.70	95.0	6.00	2.45	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *80.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.6 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 12 5-5.5' (H234430-06)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.93	96.7	2.00	3.20	
Toluene*	<0.050	0.050	08/17/2023	ND	1.85	92.4	2.00	3.89	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.88	94.2	2.00	2.82	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.70	95.0	6.00	2.45	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *88.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 13 0-6" (H234430-07)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.93	96.7	2.00	3.20	
Toluene*	<0.050	0.050	08/17/2023	ND	1.85	92.4	2.00	3.89	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.88	94.2	2.00	2.82	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.70	95.0	6.00	2.45	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**5120**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	**18.3**	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *83.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.4 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 13 1-1.5' (H234430-08)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.93	96.7	2.00	3.20	
Toluene*	<0.050	0.050	08/17/2023	ND	1.85	92.4	2.00	3.89	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.88	94.2	2.00	2.82	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.70	95.0	6.00	2.45	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *88.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 13 2-2.5' (H234430-09)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.93	96.7	2.00	3.20	
Toluene*	<0.050	0.050	08/17/2023	ND	1.85	92.4	2.00	3.89	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.88	94.2	2.00	2.82	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.70	95.0	6.00	2.45	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/17/2023	ND	416	104	400	3.92	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *77.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 13 3-3.5' (H234430-10)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.09	105	2.00	3.05	
Toluene*	<0.050	0.050	08/17/2023	ND	2.02	101	2.00	3.98	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.94	97.2	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.89	98.1	6.00	4.27	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	191	95.4	200	3.09	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	197	98.5	200	15.8	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *82.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.4 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 13 4-4.5' (H234430-11)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.09	105	2.00	3.05	
Toluene*	<0.050	0.050	08/17/2023	ND	2.02	101	2.00	3.98	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.94	97.2	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.89	98.1	6.00	4.27	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *95.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 13 5-5.5' (H234430-12)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.09	105	2.00	3.05	
Toluene*	<0.050	0.050	08/17/2023	ND	2.02	101	2.00	3.98	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.94	97.2	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.89	98.1	6.00	4.27	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *91.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 14 0-6" (H234430-13)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.09	105	2.00	3.05	
Toluene*	<0.050	0.050	08/17/2023	ND	2.02	101	2.00	3.98	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.94	97.2	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.89	98.1	6.00	4.27	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *92.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3800**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *81.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.3 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 14 1-1.5' (H234430-14)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.09	105	2.00	3.05	
Toluene*	<0.050	0.050	08/17/2023	ND	2.02	101	2.00	3.98	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.94	97.2	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.89	98.1	6.00	4.27	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.1 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *93.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 14 2-2.5' (H234430-15)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.09	105	2.00	3.05	
Toluene*	<0.050	0.050	08/17/2023	ND	2.02	101	2.00	3.98	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.94	97.2	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.89	98.1	6.00	4.27	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *92.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 14 3-3.5' (H234430-16)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.09	105	2.00	3.05	
Toluene*	<0.050	0.050	08/17/2023	ND	2.02	101	2.00	3.98	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.94	97.2	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.89	98.1	6.00	4.27	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *93.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 14 4-4.5' (H234430-17)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	2.09	105	2.00	3.05	
Toluene*	<0.050	0.050	08/17/2023	ND	2.02	101	2.00	3.98	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.94	97.2	2.00	3.79	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.89	98.1	6.00	4.27	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *90.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 14 5-5.5' (H234430-18)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *85.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.4 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 15 0-6" (H234430-19)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *85.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.6 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 15 1-1.5' (H234430-20)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *91.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 15 2-2.5' (H234430-21)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *85.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.6 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 15 3-3.5' (H234430-22)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *86.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.3 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 15 4-4.5' (H234430-23)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *90.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: VH 15 5-5.5' (H234430-24)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *94.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H 12 A SURFACE (H234430-25)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *90.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.3 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H 13 A SURFACE (H234430-26)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *93.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H 14 A SURFACE (H234430-27)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *93.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/16/2023	Sampling Date:	08/15/2023
Reported:	08/22/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H 15 A SURFACE (H234430-28)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/17/2023	ND	1.98	98.8	2.00	1.40	
Toluene*	<0.050	0.050	08/17/2023	ND	1.90	94.8	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/17/2023	ND	1.97	98.6	2.00	1.57	
Total Xylenes*	<0.150	0.150	08/17/2023	ND	5.88	98.0	6.00	2.99	
Total BTEX	<0.300	0.300	08/17/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/17/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/17/2023	ND	193	96.6	200	0.793	
DRO >C10-C28*	<10.0	10.0	08/17/2023	ND	192	96.1	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/17/2023	ND					

Surrogate: 1-Chlorooctane *96.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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NTG ENVIRONMENTAL

Chain of Custody

Work Order No: H234430

Page 1 of 3

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Dmitry Nikanorov	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.9°C
Total Containers:	28	Corrected Temperature:	—

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
VH12	0-6"	8/15/2023	9:30	X		Grab	1		X	X	X		
VH12	1-1.5'	8/15/2023	9:40	X		Grab	1		X	X	X		
VH12	2-2.5'	8/15/2023	9:50	X		Grab	1		X	X	X		
VH12	3-3.5'	8/15/2023	10:00	X		Grab	1		X	X	X		
VH12	4-4.5'	8/15/2023	10:10	X		Grab	1		X	X	X		
VH12	5-5.5'	8/15/2023	10:20	X		Grab	1		X	X	X		
VH13	0-6"	8/15/2023	10:30	X		Grab	1		X	X	X		
VH13	1-1.5'	8/15/2023	10:40	X		Grab	1		X	X	X		
VH13	2-2.5'	8/15/2023	10:50	X		Grab	1		X	X	X		
VH13	3-3.5'	8/15/2023	11:00	X		Grab	1		X	X	X		

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	DV		8/16/23 8:30am	2			8-16-23 1220
3				4			
5				6			

Revised Date 05012020 Rev. 2020.1

Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

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NTG ENVIRONMENTAL

Chain of Custody

Work Order No: H234430

Page 2 of 3

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Dmitry Nikanorov	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	—
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-0.9c
Total Containers:		Corrected Temperature:	—

ANALYSIS REQUEST

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
11	VH13	4-4.5'	8/15/2023	11:10	X		Grab	1	X	X	X		
12	VH13	5-5.5'	8/15/2023	11:20	X		Grab	1	X	X	X		
13	VH14	0-6"	8/15/2023	11:30	X		Grab	1	X	X	X		
14	VH14	1-1.5'	8/15/2023	11:40	X		Grab	1	X	X	X		
15	VH14	2-2.5'	8/15/2023	11:50	X		Grab	1	X	X	X		
16	VH14	3-3.5'	8/15/2023	12:00	X		Grab	1	X	X	X		
	VH14	4-4.5'	8/15/2023	12:10	X		Grab	1	X	X	X		
	VH14	5-5.5'	8/15/2023	12:20	X		Grab	1	X	X	X		
	VH15	0-6"	8/15/2023	12:30	X		Grab	1	X	X	X		
	VH15	1-1.5'	8/15/2023	12:40	X		Grab	1	X	X	X		

Additional Comments:

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	DN		8/16/23 8:26am			
2						
3						
4						
5						
6						

Revised Date 05012020 Rev. 2020.1

Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

Page 572 of 917

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: H234430

Page 3 of 3

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	☑ Routine ☐ Rush
Project Number:	226700	Due Date:	
Project Location	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Dmitry Nikanorov		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-0.9c
Total Containers:		Corrected Temperature:	—

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
VH15	2-2.5'	8/15/2023	12:50	X		Grab	1		X	X	X		
VH15	3-3.5'	8/15/2023	13:00	X		Grab	1		X	X	X		
VH15	4-4.5'	8/15/2023	13:10	X		Grab	1		X	X	X		
VH15	5-5.5'	8/15/2023	13:20	X		Grab	1		X	X	X		
H12A	Surface	8/15/2023	13:30	X		Grab	1		X	X	X		
H13A	Surface	8/15/2023	13:40	X		Grab	1		X	X	X		
H14A	Surface	8/15/2023	13:50	X		Grab	1		X	X	X		
H15A	Surface	8/15/2023	14:00	X		Grab	1		X	X	X		

Additional Comments:

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	DN		8/16/23 8:26am	2			8-16-23 1320
3				4			
5				6			

Revised Date 05012020 Rev. 2020 1

Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 23, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: DIAMONDBACK 24-25 CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/17/23 14:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/17/2023	Sampling Date:	08/16/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S 25 0-6" (H234474-01)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/21/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane *105 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/17/2023	Sampling Date:	08/16/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S 25 1-1.5' (H234474-02)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/21/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/17/2023	Sampling Date:	08/16/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S 25 2-2.5' (H234474-03)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/21/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	165	82.6	200	5.41	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	186	93.2	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane *101 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/17/2023	Sampling Date:	08/16/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S 25 3-3.5' (H234474-04)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/21/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	167	83.3	200	7.94	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	181	90.5	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane *90.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/17/2023	Sampling Date:	08/16/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S 25 4-4.5' (H234474-05)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/21/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	167	83.3	200	7.94	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	181	90.5	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane *90.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/17/2023	Sampling Date:	08/16/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S 25 5-5.5' (H234474-06)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.8 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/21/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	167	83.3	200	7.94	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	181	90.5	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane *89.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/17/2023	Sampling Date:	08/16/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S 26 0-6" (H234474-07)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/21/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	167	83.3	200	7.94	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	181	90.5	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane *92.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/17/2023	Sampling Date:	08/16/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S 26 1-1.5' (H234474-08)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.6 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/21/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	167	83.3	200	7.94	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	181	90.5	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/17/2023	Sampling Date:	08/16/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S 26 2-2.5' (H234474-09)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *96.9 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/21/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/21/2023	ND	167	83.3	200	7.94	
DRO >C10-C28*	<10.0	10.0	08/21/2023	ND	181	90.5	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	08/21/2023	ND					

Surrogate: 1-Chlorooctane *92.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/17/2023	Sampling Date:	08/16/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S 26 3-3.5' (H234474-10)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.1 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/21/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	167	83.3	200	7.94	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	181	90.5	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane *91.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/17/2023	Sampling Date:	08/16/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S 26 4-4.5' (H234474-11)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.1 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/21/2023	ND	448	112	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	167	83.3	200	7.94	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	181	90.5	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane *89.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/17/2023	Sampling Date:	08/16/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: S 26 5-5.5' (H234474-12)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *97.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/21/2023	ND	432	108	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	167	83.3	200	7.94	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	181	90.5	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane *95.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/17/2023	Sampling Date:	08/16/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H4A SURFACE (H234474-13)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	08/21/2023	ND	432	108	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	167	83.3	200	7.94	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	181	90.5	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane *90.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/17/2023	Sampling Date:	08/16/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H10A SURFACE (H234474-14)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/21/2023	ND	432	108	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	167	83.3	200	7.94	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	181	90.5	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane *90.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *104 %* *49.1-148*

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/17/2023	Sampling Date:	08/16/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H11A SURFACE (H234474-15)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2023	ND	432	108	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	167	83.3	200	7.94	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	181	90.5	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane *89.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.6 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/17/2023	Sampling Date:	08/16/2023
Reported:	08/23/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: H16 SURFACE (H234474-16)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/22/2023	ND	2.03	102	2.00	0.260	
Toluene*	<0.050	0.050	08/22/2023	ND	2.05	102	2.00	0.421	
Ethylbenzene*	<0.050	0.050	08/22/2023	ND	2.01	101	2.00	0.152	
Total Xylenes*	<0.150	0.150	08/22/2023	ND	6.11	102	6.00	0.823	
Total BTEX	<0.300	0.300	08/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2023	ND	432	108	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/22/2023	ND	167	83.3	200	7.94	
DRO >C10-C28*	<10.0	10.0	08/22/2023	ND	181	90.5	200	7.38	
EXT DRO >C28-C36	<10.0	10.0	08/22/2023	ND					

Surrogate: 1-Chlorooctane *85.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.4 %* *49.1-148*

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Page 591 of 917

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: H234474

Page 1 of 2

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	☑ Routine ☐ Rush
Project Number:	226700	Due Date:	
Project Location	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Dmitry Nikanorov		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-2.1°c
Total Containers:	16	Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
S25	0-6"	8/16/2023	9:50	X		Grab	1		X	X	X		
S25	1-1.5'	8/16/2023	10:00	X		Grab	1		X	X	X		
S25	2-2.5'	8/16/2023	10:10	X		Grab	1		X	X	X		
S25	3-3.5'	8/16/2023	10:20	X		Grab	1		X	X	X		
S25	4-4.5'	8/16/2023	10:30	X		Grab	1		X	X	X		
S25	5-5.5'	8/16/2023	10:40	X		Grab	1		X	X	X		
S26	0-6"	8/16/2023	10:50	X		Grab	1		X	X	X		
S26	1-1.5'	8/16/2023	11:00	X		Grab	1		X	X	X		
S26	2-2.5'	8/16/2023	11:10	X		Grab	1		X	X	X		
S26	3-3.5'	8/16/2023	11:20	X		Grab	1		X	X	X		

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		8/17/23 8:40am	2		8-17-23 1445
3			4		
5			6		

Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

Page 592 of 917

NTG ENVIRONMENTAL

Chain of Custody

Work Order No: H234474

Page 2 of 2

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Dmitry Nikanorov	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-2.1°c
Total Containers:	16	Corrected Temperature:	—

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

								ANALYSIS REQUEST																	
Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters																HOLD
									BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500														
S26	4-4.5'	8/16/2023	11:30	X		Grab	1		X	X	X														
S26	5-5.5'	8/16/2023	11:40	X		Grab	1		X	X	X														
H4A	Surface	8/16/2023	11:50	X		Grab	1		X	X	X														
H10A	Surface	8/16/2023	12:00	X		Grab	1		X	X	X														
H11A	Surface	8/16/2023	12:10	X		Grab	1		X	X	X														
H16	Surface	8/16/2023	12:20	X		Grab	1		X	X	X														

Sample Comments

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		8/17/23	8:47am			
2						8-17-23 1445
3				4		
5				6		

Revised Date 05012020 Rev. 2020.1

Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 28, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: DIAMONDBACK 24-25 CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/21/23 15:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 25 12.5' (H234531-01)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.11	105	2.00	1.77	
Toluene*	<0.050	0.050	08/24/2023	ND	2.12	106	2.00	1.11	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.30	105	6.00	2.55	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *93.2 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4160**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.3	200	5.82	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	169	84.5	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane *97.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 26 12.5' (H234531-02)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.11	105	2.00	1.77	
Toluene*	<0.050	0.050	08/24/2023	ND	2.12	106	2.00	1.11	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.30	105	6.00	2.55	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**560**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.3	200	5.82	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	169	84.5	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane *88.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.3 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 27 12.5' (H234531-03)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.11	105	2.00	1.77	
Toluene*	<0.050	0.050	08/24/2023	ND	2.12	106	2.00	1.11	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.30	105	6.00	2.55	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *94.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.3	200	5.82	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	169	84.5	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane *87.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 28 12.5' (H234531-04)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	2.11	105	2.00	1.77	
Toluene*	<0.050	0.050	08/24/2023	ND	2.12	106	2.00	1.11	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.30	105	6.00	2.55	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *95.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7200**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.3	200	5.82	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	169	84.5	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane *94.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 29 12.5' (H234531-05)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**592**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.3	200	5.82	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	169	84.5	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane *84.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 30 12.5' (H234531-06)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1120**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.3	200	5.82	
DRO >C10-C28*	**35.1**	10.0	08/23/2023	ND	169	84.5	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane *100 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 31 12.5' (H234531-07)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.3	200	5.82	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	169	84.5	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane *97.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 32 12.5' (H234531-08)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	175	87.3	200	5.82	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	169	84.5	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane *94.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/17/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 33 12.5' (H234531-09)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**3720**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane *84.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 34 3' (H234531-10)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane *77.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 35 3' (H234531-11)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane *79.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.0 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 36 3' (H234531-12)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**400**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane *77.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 37 3' (H234531-13)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane *83.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 38 3' (H234531-14)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.5 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *69.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *72.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 39 3' (H234531-15)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *79.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 40 3' (H234531-16)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**320**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	**30.3**	10.0	08/24/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *77.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 41 3' (H234531-17)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *83.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.1 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 42 3' (H234531-18)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *79.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.0 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 43 3' (H234531-19)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *83.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.0 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 44 3' (H234531-20)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *81.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.8 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 45 3' (H234531-21)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *78.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.7 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 46 3' (H234531-22)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**240**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *78.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.7 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 47 3' (H234531-23)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.89	94.7	2.00	3.87	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	93.9	2.00	3.77	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.94	97.1	2.00	3.57	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.87	97.8	6.00	2.57	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *79.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.7 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 48 3' (H234531-24)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	QM-07
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *82.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.3 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 49 3' (H234531-25)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *70.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.4 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 50 3' (H234531-26)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *83.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.6 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 51 3' (H234531-27)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *86.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 52 3' (H234531-28)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	152	76.0	200	1.82	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	139	69.3	200	1.85	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *77.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.2 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 53 3' (H234531-29)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	151	75.3	200	8.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	165	82.6	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane *92.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 54 1.5' (H234531-30)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	151	75.3	200	8.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	165	82.6	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane *99.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 55 1.5' (H234531-31)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	151	75.3	200	8.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	165	82.6	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane *98.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 56 1.5' (H234531-32)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/23/2023	ND	151	75.3	200	8.37	
DRO >C10-C28*	<10.0	10.0	08/23/2023	ND	165	82.6	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	08/23/2023	ND					

Surrogate: 1-Chlorooctane *87.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 57 1.5' (H234531-33)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	08/23/2023	ND	384	96.0	400	8.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	151	75.3	200	8.37	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	165	82.6	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *92.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 58 1.5' (H234531-34)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	151	75.3	200	8.37	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	165	82.6	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *80.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.7 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 59 1.5' (H234531-35)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	151	75.3	200	8.37	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	165	82.6	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *99.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 60 1.5' (H234531-36)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	151	75.3	200	8.37	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	165	82.6	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *98.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 61 1.5' (H234531-37)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	151	75.3	200	8.37	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	165	82.6	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *91.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 62 1.5' (H234531-38)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	151	75.3	200	8.37	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	165	82.6	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *97.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 63 1.5' (H234531-39)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	151	75.3	200	8.37	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	165	82.6	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *117 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 64 1.5' (H234531-40)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	151	75.3	200	8.37	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	165	82.6	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *84.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.0 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 65 1.5' (H234531-41)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	151	75.3	200	8.37	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	165	82.6	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *94.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 66 1.5' (H234531-42)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	151	75.3	200	8.37	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	165	82.6	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *97.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 67 1.5' (H234531-43)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.88	94.0	2.00	0.996	
Toluene*	<0.050	0.050	08/24/2023	ND	1.88	94.2	2.00	1.01	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	1.96	98.1	2.00	2.03	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	5.83	97.2	6.00	2.61	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	151	75.3	200	8.37	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	165	82.6	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *98.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/21/2023	Sampling Date:	08/18/2023
Reported:	08/28/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 68 1.5' (H234531-44)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2023	ND	1.94	96.8	2.00	3.47	
Toluene*	<0.050	0.050	08/24/2023	ND	2.20	110	2.00	1.09	
Ethylbenzene*	<0.050	0.050	08/24/2023	ND	2.20	110	2.00	0.0475	
Total Xylenes*	<0.150	0.150	08/24/2023	ND	6.54	109	6.00	0.526	
Total BTEX	<0.300	0.300	08/24/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	08/23/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/24/2023	ND	151	75.3	200	8.37	
DRO >C10-C28*	<10.0	10.0	08/24/2023	ND	165	82.6	200	1.94	
EXT DRO >C28-C36	<10.0	10.0	08/24/2023	ND					

Surrogate: 1-Chlorooctane *94.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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NTG ENVIRONMENTAL

Chain of Custody

Work Order No: H234531

Page 1 of 2

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Dmitry Nikanorov	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	T40
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-6.6c
Total Containers:	~~54~~ 44	Corrected Temperature:	—

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
1	CS25	12.5'	8/17/2023	9:50	X		Comp	1	X	X	X		
2	CS26	12.5'	8/17/2023	10:00	X		Comp	1	X	X	X		
3	CS27	12.5'	8/17/2023	10:10	X		Comp	1	X	X	X		
4	CS28	12.5'	8/17/2023	10:20	X		Comp	1	X	X	X		
5	CS29	12.5'	8/17/2023	10:30	X		Comp	1	X	X	X		
6	CS30	12.5'	8/17/2023	10:40	X		Comp	1	X	X	X		
	CS31	12.5'	8/17/2023	10:50	X		Comp	1	X	X	X		
	CS32	12.5'	8/17/2023	11:00	X		Comp	1	X	X	X		
	CS33	12.5'	8/17/2023	11:10	X		Comp	1	X	X	X		
	CS34	3'	8/18/2023	10:00	X		Comp	1	X	X	X		

Additional Comments:

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			8-24-23 1540	2			
3				4			
5				6			

Revised Date 05012020 Rev. 2020.1

Received by OCD: 12/17/2024 12:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: H234531

Page 1 of 2

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Dmitry Nikanorov	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	—
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-6.6c
Total Containers:	~~54~~ 44	Corrected Temperature:	—

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
11	CS35	3'	8/18/2023	10:05	X		Comp	1		X	X	X		
12	CS36	3'	8/18/2023	10:10	X		Comp	1		X	X	X		
13	CS37	3'	8/18/2023	10:15	X		Comp	1		X	X	X		
14	CS38	3'	8/18/2023	10:20	X		Comp	1		X	X	X		
15	CS39	3'	8/18/2023	10:25	X		Comp	1		X	X	X		
16	CS40	3'	8/18/2023	10:30	X		Comp	1		X	X	X		
	CS41	3'	8/18/2023	10:35	X		Comp	1		X	X	X		
	CS42	3'	8/18/2023	10:40	X		Comp	1		X	X	X		
	CS43	3'	8/18/2023	10:45	X		Comp	1		X	X	X		
	CS44	3'	8/18/2023	10:50	X		Comp	1		X	X	X		

Additional Comments:

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	DL		8-21-23 1540	2			
3				4			
5				6			

Received by OCD: 12/17/2024 12:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: H234531

Page 3 of 5

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Dmitry Nikanorov	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	T40
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-6.6°C
Total Containers:	~~54~~ 44	Corrected Temperature:	—

Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
CS45	3'	8/18/2023	10:55	X		Comp	1		X	X	X		
CS46	3'	8/18/2023	11:00	X		Comp	1		X	X	X		
CS47	3'	8/18/2023	11:05	X		Comp	1		X	X	X		
CS48	3'	8/18/2023	11:10	X		Comp	1		X	X	X		
CS49	3'	8/18/2023	11:15	X		Comp	1		X	X	X		
CS50	3'	8/18/2023	11:20	X		Comp	1		X	X	X		
CS51	3'	8/18/2023	11:25	X		Comp	1		X	X	X		
CS52	3'	8/18/2023	11:30	X		Comp	1		X	X	X		
CS53	3'	8/18/2023	11:35	X		Comp	1		X	X	X		
CS54	1.5'	8/18/2023	11:40	X		Comp	1		X	X	X		

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Additional Comments:

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1				2			
3				4			
5				6			

Received by OCD: 12/17/2024 12:22:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

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NTG ENVIRONMENTAL

Chain of Custody

Work Order No: H234531

Page 4 of 5

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Dmitry Nikanorov	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-1.1
Total Containers:	54 44	Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
31	CS55	1.5'	8/18/2023	11:45	X		Comp	1		X	X	X		
32	CS56	1.5'	8/18/2023	11:50	X		Comp	1		X	X	X		
33	CS57	1.5'	8/18/2023	11:55	X		Comp	1		X	X	X		
34	CS58	1.5'	8/18/2023	12:00	X		Comp	1		X	X	X		
35	CS59	1.5'	8/18/2023	12:05	X		Comp	1		X	X	X		
36	CS60	1.5'	8/18/2023	12:10	X		Comp	1		X	X	X		
	CS61	1.5'	8/18/2023	12:15	X		Comp	1		X	X	X		
	CS62	1.5'	8/18/2023	12:20	X		Comp	1		X	X	X		
	CS63	1.5'	8/18/2023	12:25	X		Comp	1		X	X	X		
	CS64	1.5'	8/18/2023	12:30	X		Comp	1		X	X	X		

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	DC	Tamara Whitaker	8-2-23 1540	2			
3				4			
5				6			

Revised Date 05012020 Rev. 2020.1

Received by OCD: 12/17/2024 12:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

Page 643 of 917

Page 51 of 51

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: H234531

Page 1 of 5

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Dmitry Nikanorov	TAT starts the day received by the lab, if received by 4:30pm	
PO #			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-6.6
Total Containers:	~~54~~ 44	Corrected Temperature:	

	Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
41	CS65	1.5'	8/18/2023	12:35	X		Comp	1	X	X	X		
42	CS66	1.5'	8/18/2023	12:40	X		Comp	1	X	X	X		
43	CS67	1.5'	8/18/2023	12:45	X		Comp	1	X	X	X		
44	CS68	1.5'	8/18/2023	12:50	X		Comp	1	X	X	X		

ANALYSIS REQUEST

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	DK	Tamara Oldaker	8-21-23 1540	2			
3				4			
5				6			

Revised Date 05012020 Rev. 2020.1

Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 31, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: DIAMONDBACK 24-25 CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/25/23 14:26.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 69 0.5' (H234647-01)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.83	91.6	2.00	5.21	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.4	2.00	5.00	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	92.9	2.00	5.84	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.54	92.4	6.00	6.77	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/29/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	173	86.6	200	0.487	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	175	87.5	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *92.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 70 0.5' (H234647-02)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.83	91.6	2.00	5.21	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.4	2.00	5.00	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	92.9	2.00	5.84	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.54	92.4	6.00	6.77	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/29/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	173	86.6	200	0.487	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	175	87.5	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *109 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *130 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 71 2' (H234647-03)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.83	91.6	2.00	5.21	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.4	2.00	5.00	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	92.9	2.00	5.84	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.54	92.4	6.00	6.77	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/29/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	173	86.6	200	0.487	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	175	87.5	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *104 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *123 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 72 2' (H234647-04)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.83	91.6	2.00	5.21	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.4	2.00	5.00	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	92.9	2.00	5.84	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.54	92.4	6.00	6.77	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/29/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	173	86.6	200	0.487	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	175	87.5	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *94.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 73 2' (H234647-05)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.83	91.6	2.00	5.21	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.4	2.00	5.00	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	92.9	2.00	5.84	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.54	92.4	6.00	6.77	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/29/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	173	86.6	200	0.487	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	175	87.5	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *98.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *118 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 74 2' (H234647-06)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.83	91.6	2.00	5.21	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.4	2.00	5.00	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	92.9	2.00	5.84	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.54	92.4	6.00	6.77	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/29/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	173	86.6	200	0.487	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	175	87.5	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *100 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *119 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 75 1' (H234647-07)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.83	91.6	2.00	5.21	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.4	2.00	5.00	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	92.9	2.00	5.84	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.54	92.4	6.00	6.77	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/29/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	173	86.6	200	0.487	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	175	87.5	200	1.06	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *99.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 76 1' (H234647-08)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.83	91.6	2.00	5.21	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.4	2.00	5.00	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	92.9	2.00	5.84	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.54	92.4	6.00	6.77	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *97.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *100 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 77 0.5' (H234647-09)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.83	91.6	2.00	5.21	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.4	2.00	5.00	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	92.9	2.00	5.84	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.54	92.4	6.00	6.77	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *90.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.8 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 78 0.5' (H234647-10)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.83	91.6	2.00	5.21	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.4	2.00	5.00	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	92.9	2.00	5.84	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.54	92.4	6.00	6.77	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *92.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 79 0.5' (H234647-11)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.83	91.6	2.00	5.21	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.4	2.00	5.00	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	92.9	2.00	5.84	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.54	92.4	6.00	6.77	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *95.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 80 0.5' (H234647-12)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	QR-03
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	QM-07, QR-03
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	QM-07, QR-03
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *96.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *101 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 81 0.5' (H234647-13)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *91.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.3 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 01 0-4' (H234647-14)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *91.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.0 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 02 0-4' (H234647-15)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *93.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.5 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 03 0-4' (H234647-16)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *92.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 04 0-4' (H234647-17)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *92.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.3 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 05 4-12.5' (H234647-18)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *92.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 06 4-12.5' (H234647-19)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**352**	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	**29.3**	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *87.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.2 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 07 4-12.5' (H234647-20)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	**34.5**	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *79.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.4 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 08 4-12.5' (H234647-21)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *78.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.2 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 09 0-12.5' (H234647-22)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *91.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.7 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 16 3-12.5' (H234647-23)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *92.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.7 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 17 0-3' (H234647-24)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *93.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.3 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 18 0-3' (H234647-25)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *99.4 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *94.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.1 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 19 0-3' (H234647-26)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *93.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 20 0-3' (H234647-27)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	08/29/2023	ND	400	100	400	7.69	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	161	80.7	200	3.65	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	156	78.0	200	3.58	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *93.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.0 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 21 1.5-3' (H234647-28)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *81.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.5 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 22 0-1.5' (H234647-29)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *81.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.5 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 23 0-1.5' (H234647-30)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *81.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 24 0-1.5' (H234647-31)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.91	95.5	2.00	2.75	
Toluene*	<0.050	0.050	08/30/2023	ND	1.95	97.3	2.00	3.05	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	2.03	101	2.00	4.86	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	6.18	103	6.00	6.32	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *83.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 25 2-3' (H234647-32)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *85.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.0 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW 26 0-2' (H234647-33)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *80.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.0 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 01 4' (H234647-34)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *79.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.2 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 02 4' (H234647-35)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *86.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.5 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 03 4' (H234647-36)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *110 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	**37.4**	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *76.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 04 4' (H234647-37)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1740**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	**621**	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	**88.9**	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *78.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 05 4' (H234647-38)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *74.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *72.7 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 06 4' (H234647-39)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *77.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.1 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 07 4' (H234647-40)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *111 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *82.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *81.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 08 4' (H234647-41)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**416**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	**15.5**	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *82.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.3 %* *49.1-148*

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 09 4' (H234647-42)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**944**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	**177**	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	**23.3**	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *87.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 10 4' (H234647-43)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1120**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	**379**	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	**56.3**	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *72.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.2 %* *49.1-148*

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 11 4' (H234647-44)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**256**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	**51.4**	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	**14.3**	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *80.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.7 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 12 4' (H234647-45)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	**32.8**	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *79.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *78.4 %* *49.1-148*

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 13 4' (H234647-46)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *113 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *78.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *77.5 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 14 4' (H234647-47)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**528**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	163	81.6	200	3.12	
DRO >C10-C28*	**19.4**	10.0	08/29/2023	ND	160	80.1	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *80.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 15 4' (H234647-48)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**624**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	173	86.3	200	0.892	
DRO >C10-C28*	**104**	10.0	08/29/2023	ND	172	86.0	200	0.0308	
EXT DRO >C28-C36	**11.9**	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *89.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.2 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 16 4' (H234647-49)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1630**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	173	86.3	200	0.892	
DRO >C10-C28*	**485**	10.0	08/29/2023	ND	172	86.0	200	0.0308	
EXT DRO >C28-C36	**99.5**	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *86.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.4 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 17 4' (H234647-50)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1280**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	173	86.3	200	0.892	
DRO >C10-C28*	**367**	10.0	08/29/2023	ND	172	86.0	200	0.0308	
EXT DRO >C28-C36	**85.8**	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *84.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 18 4' (H234647-51)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/30/2023	ND	1.78	89.2	2.00	3.02	
Toluene*	<0.050	0.050	08/30/2023	ND	1.79	89.5	2.00	2.86	
Ethylbenzene*	<0.050	0.050	08/30/2023	ND	1.86	93.2	2.00	2.58	
Total Xylenes*	<0.150	0.150	08/30/2023	ND	5.52	92.0	6.00	3.09	
Total BTEX	<0.300	0.300	08/30/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *112 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**640**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	173	86.3	200	0.892	
DRO >C10-C28*	**123**	10.0	08/29/2023	ND	172	86.0	200	0.0308	
EXT DRO >C28-C36	**22.7**	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *89.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *100 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 19 4' (H234647-52)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2023	ND	1.85	92.5	2.00	2.93	
Toluene*	<0.050	0.050	08/29/2023	ND	2.15	108	2.00	3.91	
Ethylbenzene*	<0.050	0.050	08/29/2023	ND	2.20	110	2.00	4.28	
Total Xylenes*	<0.150	0.150	08/29/2023	ND	6.56	109	6.00	5.27	
Total BTEX	<0.300	0.300	08/29/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**112**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	173	86.3	200	0.892	
DRO >C10-C28*	<10.0	10.0	08/29/2023	ND	172	86.0	200	0.0308	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *90.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.3 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/24/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 20 4' (H234647-53)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2023	ND	1.85	92.5	2.00	2.93	
Toluene*	<0.050	0.050	08/29/2023	ND	2.15	108	2.00	3.91	
Ethylbenzene*	<0.050	0.050	08/29/2023	ND	2.20	110	2.00	4.28	
Total Xylenes*	<0.150	0.150	08/29/2023	ND	6.56	109	6.00	5.27	
Total BTEX	<0.300	0.300	08/29/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.0 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**880**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	173	86.3	200	0.892	
DRO >C10-C28*	**26.6**	10.0	08/29/2023	ND	172	86.0	200	0.0308	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *86.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.3 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 21 4' (H234647-54)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2023	ND	1.85	92.5	2.00	2.93	
Toluene*	<0.050	0.050	08/29/2023	ND	2.15	108	2.00	3.91	
Ethylbenzene*	<0.050	0.050	08/29/2023	ND	2.20	110	2.00	4.28	
Total Xylenes*	<0.150	0.150	08/29/2023	ND	6.56	109	6.00	5.27	
Total BTEX	<0.300	0.300	08/29/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *91.3 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**656**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	173	86.3	200	0.892	
DRO >C10-C28*	**12.8**	10.0	08/29/2023	ND	172	86.0	200	0.0308	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *90.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.5 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 22 4' (H234647-55)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2023	ND	1.85	92.5	2.00	2.93	
Toluene*	<0.050	0.050	08/29/2023	ND	2.15	108	2.00	3.91	
Ethylbenzene*	<0.050	0.050	08/29/2023	ND	2.20	110	2.00	4.28	
Total Xylenes*	<0.150	0.150	08/29/2023	ND	6.56	109	6.00	5.27	
Total BTEX	<0.300	0.300	08/29/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *98.7 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**464**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	173	86.3	200	0.892	
DRO >C10-C28*	**15.5**	10.0	08/29/2023	ND	172	86.0	200	0.0308	
EXT DRO >C28-C36	<10.0	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *91.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.6 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 23 4' (H234647-56)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2023	ND	1.85	92.5	2.00	2.93	
Toluene*	<0.050	0.050	08/29/2023	ND	2.15	108	2.00	3.91	
Ethylbenzene*	<0.050	0.050	08/29/2023	ND	2.20	110	2.00	4.28	
Total Xylenes*	<0.150	0.150	08/29/2023	ND	6.56	109	6.00	5.27	
Total BTEX	<0.300	0.300	08/29/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**768**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	173	86.3	200	0.892	
DRO >C10-C28*	**248**	10.0	08/29/2023	ND	172	86.0	200	0.0308	
EXT DRO >C28-C36	**43.3**	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *83.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/25/2023	Sampling Date:	08/23/2023
Reported:	08/31/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Tamara Oldaker
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS 24 4' (H234647-57)

BTEX 8021B mg/kg Analyzed By: JH

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/29/2023	ND	1.85	92.5	2.00	2.93	
Toluene*	<0.050	0.050	08/29/2023	ND	2.15	108	2.00	3.91	
Ethylbenzene*	<0.050	0.050	08/29/2023	ND	2.20	110	2.00	4.28	
Total Xylenes*	<0.150	0.150	08/29/2023	ND	6.56	109	6.00	5.27	
Total BTEX	<0.300	0.300	08/29/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**608**	16.0	08/29/2023	ND	432	108	400	3.64	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/29/2023	ND	173	86.3	200	0.892	
DRO >C10-C28*	**205**	10.0	08/29/2023	ND	172	86.0	200	0.0308	
EXT DRO >C28-C36	**37.6**	10.0	08/29/2023	ND					

Surrogate: 1-Chlorooctane *85.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: H234647

Page 1 of 6

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	
Project Number:	226700	☑ Routine ☐ Rush	
Project Location	Lea County, NM	Due Date:	
Sampler's Name:	Dmitry Nikanorov	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	140
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	—
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	0.3c
Total Containers:	~~64~~ 57	Corrected Temperature:	—

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2SO_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

	Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
1	CS69	0.5'	8/23/2023	11:00	X		Comp	1	X	X	X		CS75, CS76 taken at 1' Jars Say 0.5' or 6" (please refer to COC)
2	CS70	0.5'	8/23/2023	11:05	X		Comp	1	X	X	X		
3	CS71	2'	8/23/2023	11:10	X		Comp	1	X	X	X		
4	CS72	2'	8/23/2023	11:15	X		Comp	1	X	X	X		
5	CS73	2'	8/23/2023	11:20	X		Comp	1	X	X	X		
6	CS74	2'	8/23/2023	11:25	X		Comp	1	X	X	X		
7	CS75	1'	8/24/2023	11:30	X		Comp	1	X	X	X		
8	CS76	1'	8/24/2023	11:35	X		Comp	1	X	X	X		
9	CS77	0.5'	8/24/2023	11:40	X		Comp	1	X	X	X		
10	CS78	0.5'	8/24/2023	11:45	X		Comp	1	X	X	X		

Additional Comments:

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1				2		
3				4		
5				6		

Revised Date: 05012020 Rev: 2020.1

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NTG ENVIRONMENTAL

Chain of Custody

Work Order No: H234647

Page 2 of 6

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	☑ Routine ☐ Rush
Project Number:	226700	Due Date:	
Project Location	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Dmitry Nikanorov		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—
Sample Custody Seals:	Yes No N/A	Temperature Reading:	0.3c
Total Containers:	54	Corrected Temperature:	—

ANALYSIS REQUEST

Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD
11 CS79	0.5'	8/24/2023	11:45	X		Comp	1		X	X	X	
12 CS80	0.5'	8/24/2023	11:50	X		Comp	1		X	X	X	
13 CS81	0.5'	8/24/2023	11:55	X		Comp	1		X	X	X	
14 SW01	0-4'	8/24/2023	12:00	X		Comp	1		X	X	X	
15 SW02	0-4'	8/24/2023	12:05	X		Comp	1		X	X	X	
16 SW03	0-4'	8/24/2023	12:10	X		Comp	1		X	X	X	
17 SW04	0-4'	8/24/2023	12:15	X		Comp	1		X	X	X	
18 SW05	4-12.5'	8/24/2023	12:20	X		Comp	1		X	X	X	
19 SW06	4-12.5'	8/24/2023	12:25	X		Comp	1		X	X	X	
20 SW07	4-12.5'	8/24/2023	12:30	X		Comp	1		X	X	X	

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2SO_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

Sample Comments

Additional Comments:

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	DN	Kimberly 8/25/23	8:50am	2 Tewett	Tamara Oldaker	8-25-23 1426
3				4		
5				6		

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NTG ENVIRONMENTAL

Chain of Custody

Work Order No: H234647

Page 3 of 6

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	☑ Routine ☐ Rush
Project Number:	226700	Due Date:	
Project Location	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Dmitry Nikanorov		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	0.3c
Total Containers:	30	Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_2$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

	Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
21	SW08	4-12.5'	8/24/2023	12:35	X		Comp	1		X	X	X		
22	SW09	0-12.5'	8/24/2023	12:40	X		Comp	1		X	X	X		
23	SW16	3-12.5'	8/24/2023	12:45	X		Comp	1		X	X	X		
24	SW17	0-3'	8/24/2023	12:50	X		Comp	1		X	X	X		
25	SW18	0-3'	8/24/2023	12:55	X		Comp	1		X	X	X		
26	SW19	0-3'	8/24/2023	13:00	X		Comp	1		X	X	X		
27	SW20	0-3'	8/24/2023	13:05	X		Comp	1		X	X	X		
28	SW21	1.5-3'	8/24/2023	13:10	X		Comp	1		X	X	X		
29	SW22	0-1.5'	8/24/2023	13:15	X		Comp	1		X	X	X		
30	SW23	0-1.5'	8/24/2023	13:20	X		Comp	1		X	X	X		

Additional Comments:

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	DV	Kenzea 8/25/23	8/25 LH 8:50 am	2	Kenzea	8-25-26 1426
3				4		
5				6		

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NTG ENVIRONMENTAL

Chain of Custody

Work Order No: H234647

Page 4 of 6

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	☑ Routine ☐ Rush
Project Number:	226700	Due Date:	
Project Location:	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Dmitry Nikanorov		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	146
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—
Sample Custody Seals:	Yes No N/A	Temperature Reading:	0.3c
Total Containers:	54 57	Corrected Temperature:	—

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2SO_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

	Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
31	SW24	0-1.5'	8/24/2023	13:25	X		Comp	1		X	X	X		
32	SW25	2-3'	8/24/2023	13:30	X		Comp	1		X	X	X		
33	SW26	0-2'	8/24/2023	13:35	X		Comp	1		X	X	X		
34	CS01	4'	8/23/2023	11:30	X		Comp	1		X	X	X		
35	CS02	4'	8/23/2023	11:35	X		Comp	1		X	X	X		
36	CS03	4'	8/23/2023	11:40	X		Comp	1		X	X	X		
37	CS04	4'	8/23/2023	11:45	X		Comp	1		X	X	X		
38	CS05	4'	8/23/2023	11:50	X		Comp	1		X	X	X		
39	CS06	4'	8/23/2023	11:55	X		Comp	1		X	X	X		
40	CS07	4'	8/23/2023	12:00	X		Comp	1		X	X	X		

Additional Comments:

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	DL	[signature] 8/25/23	8:50 am	2	[signature]	[signature]	8-25-23 1426
3				4			
5				6			

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NTG ENVIRONMENTAL

Chain of Custody

Work Order No: H234647

Page 5 of 6

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	☑ Routine ☐ Rush
Project Number:	226700	Due Date:	
Project Location	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Dmitry Nikanorov		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	140
Cooler Custody Seals:	Yes No N/A	Correction Factor:	—
Sample Custody Seals:	Yes No N/A	Temperature Reading:	0.3c
Total Containers:	54 57	Corrected Temperature:	—

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2SO_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

	Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
41	CS08	4'	8/23/2023	12:05	X		Comp	1	X	X	X		
42	CS09	4'	8/23/2023	12:10	X		Comp	1	X	X	X		
43	CS10	4'	8/23/2023	12:15	X		Comp	1	X	X	X		
44	CS11	4'	8/23/2023	12:20	X		Comp	1	X	X	X		
45	CS12	4'	8/23/2023	12:25	X		Comp	1	X	X	X		
46	CS13	4'	8/23/2023	12:30	X		Comp	1	X	X	X		
47	CS14	4'	8/23/2023	12:35	X		Comp	1	X	X	X		
48	CS15	4'	8/23/2023	12:40	X		Comp	1	X	X	X		
49	CS16	4'	8/23/2023	12:45	X		Comp	1	X	X	X		
50	CS17	4'	8/23/2023	12:50	X		Comp	1	X	X	X		

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	DL	8/25/23	8:50 am	2		Tamara Latchford	8-25-26 1426
3				4			
5				6			

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Chain of Custody

NTG ENVIRONMENTAL

Work Order No: H234647

Page 6 of 6

Project Manager:	Becky Haskell	Bill to: (if different)	Chris Martin
Company Name:	NTG Environmental	Company Name:	Earthstone
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	bhaskell@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Diamondback 24-25 CTB	Turn Around	☑ Routine ☐ Rush
Project Number:	226700	Due Date:	
Project Location	Lea County, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Dmitry Nikanorov		
PO #:			

SAMPLE RECEIPT			
Received Intact:	Temp Blank: Yes No	Wet Ice:	Yes No
Cooler Custody Seals:	Yes No N/A	Thermometer ID:	140
Sample Custody Seals:	Yes No N/A	Correction Factor:	—
Total Containers:	57	Temperature Reading:	0.3°C
		Corrected Temperature:	

Preservative Codes

None: NO — DI Water: H_2O

Cool: Cool — MeOH: Me

HCL: HC — HNO_3: HN

H_2S0_4: H_2 — NaOH: Na

H_3PO_4: HP

$NaHSO_4$: NABIS

$Na_2S_2O_3$: $NaSO_3$

Zn Acetate+NaOH: Zn

NaOH+Ascorbic Acid: SAPC

	Sample Identification	Depth	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
51	CS18	4'	8/24/2023	12:55	X		Comp	1		X	X	X		
52	CS19	4'	8/24/2023	13:00	X		Comp	1		X	X	X		
53	CS20	4'	8/24/2023	13:05	X		Comp	1		X	X	X		
54	CS21	4'	8/23/2023	13:10	X		Comp	1		X	X	X		
55	CS22	4'	8/23/2023	13:15	X		Comp	1		X	X	X		
56	CS23	4'	8/23/2023	13:20	X		Comp	1		X	X	X		
57	CS24	4'	8/23/2023	13:25	X		Comp	1		X	X	X		

Additional Comments:

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $85.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 PN	8/25/23	8:50 am	2		8.25.26 1426
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

September 06, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: DIAMONDBACK 24-25 CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/31/23 15:21.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 82 1.5' (H234747-01)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	186	93.0	200	2.74	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	165	82.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 83 1.5' (H234747-02)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	186	93.0	200	2.74	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	165	82.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *114 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 84 1.5' (H234747-03)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	186	93.0	200	2.74	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	165	82.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *107 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *119 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 85 1.5' (H234747-04)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	186	93.0	200	2.74	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	165	82.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *98.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 86 1.5' (H234747-05)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	186	93.0	200	2.74	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	165	82.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *94.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *102 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 87 1.5' (H234747-06)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	186	93.0	200	2.74	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	165	82.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *95.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *106 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 88 1.5' (H234747-07)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	186	93.0	200	2.74	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	165	82.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *97.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 89 1.5' (H234747-08)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	186	93.0	200	2.74	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	165	82.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *100 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 90 1.5' (H234747-09)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	186	93.0	200	2.74	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	165	82.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *99.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *111 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 91 1.5' (H234747-10)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	186	93.0	200	2.74	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	165	82.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *106 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *116 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 92 1.5' (H234747-11)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	186	93.0	200	2.74	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	165	82.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *94.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *103 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 93 1.5' (H234747-12)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	186	93.0	200	2.74	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	165	82.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *100 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *112 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 94 1.5' (H234747-13)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	186	93.0	200	2.74	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	165	82.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *102 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *113 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 95 1.5' (H234747-14)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	186	93.0	200	2.74	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	165	82.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *97.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *107 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 96 1.5' (H234747-15)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	186	93.0	200	2.74	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	165	82.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *99.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 97 1.5' (H234747-16)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	186	93.0	200	2.74	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	165	82.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *95.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 98 1.5' (H234747-17)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	186	93.0	200	2.74	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	165	82.7	200	4.47	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *89.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *97.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 99 1.5' (H234747-18)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *90.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.7 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 100 1.5' (H234747-19)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	100	2.00	2.62	
Toluene*	<0.050	0.050	09/02/2023	ND	1.90	95.1	2.00	3.36	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.97	98.7	2.00	2.61	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.90	98.4	6.00	2.52	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *97.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.6 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 101 1.5' (H234747-20)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *93.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.4 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 102 1.5' (H234747-21)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *89.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.2 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 103 1.5' (H234747-22)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**176**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *89.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.5 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 104 1.5' (H234747-23)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *87.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.5 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 105 1.5' (H234747-24)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *86.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.2 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 10 0-12.5' (H234747-25)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6640**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *84.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 11 0-12.5' (H234747-26)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**7680**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *88.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 12 0-12.5' (H234747-27)

BTEX 8021B mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	**2.76**	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	**5.93**	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	**19.5**	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	**28.2**	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *223 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**2480**	16.0	09/01/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**301**	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	**5570**	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	**1040**	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *123 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *119 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 13 0-12.5' (H234747-28)

BTEX 8021B mg/kg Analyzed By: MS S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	**0.277**	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	**1.03**	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	**3.08**	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	**4.39**	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *147 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**4560**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	**85.7**	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	**3000**	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	**602**	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *98.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 14 0-12.5' (H234747-29)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**208**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/05/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/05/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/05/2023	ND					

Surrogate: 1-Chlorooctane *93.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *110 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 15 0-12.5' (H234747-30)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**608**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *82.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.2 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 27 0-1' (H234747-31)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *83.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *93.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 28 0-6'' (H234747-32)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *84.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/30/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 29 0-6'' (H234747-33)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *86.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.5 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 106 4' (H234747-34)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**784**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *78.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 107 4' (H234747-35)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**576**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *88.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *98.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 108 4' (H234747-36)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**896**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *88.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 109 4' (H234747-37)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**144**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	183	91.4	200	1.64	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	192	95.8	200	1.11	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *89.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.0 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 110 4' (H234747-38)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *102 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	**37.2**	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *83.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *92.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 111 4' (H234747-39)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	2.00	99.8	2.00	0.697	
Toluene*	<0.050	0.050	09/02/2023	ND	1.91	95.5	2.00	0.825	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	0.291	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	5.83	97.2	6.00	0.669	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *103 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *81.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 112 4' (H234747-40)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *81.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.6 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 113 4' (H234747-41)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**64.0**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *81.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.8 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 114 4' (H234747-42)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *77.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: CS - 115 4' (H234747-43)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**192**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *83.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.2 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 30 0-4' (H234747-44)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**128**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *97.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *108 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 31 0-4' (H234747-45)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**48.0**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *77.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.6 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 32 0-4' (H234747-46)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *84.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.8 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 33 0-4' (H234747-47)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *84.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *91.1 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 34 0-4' (H234747-48)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**304**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *87.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *96.1 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 35 0-4' (H234747-49)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *88.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.5 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 36 1.5-4' (H234747-50)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/01/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/01/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/01/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/01/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *105 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**80.0**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *84.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *90.7 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 37 0-1.5' (H234747-51)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *106 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**448**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *79.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.4 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 38 0-1.5' (H234747-52)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**512**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *81.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 39 0-1.5' (H234747-53)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *94.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *99.4 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	08/31/2023	Sampling Date:	08/31/2023
Reported:	09/06/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - LEA COUNTY, NM		

Sample ID: SW - 40 0-6'' (H234747-54)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2023	ND	1.94	97.2	2.00	1.69	
Toluene*	<0.050	0.050	09/02/2023	ND	1.95	97.4	2.00	2.46	
Ethylbenzene*	<0.050	0.050	09/02/2023	ND	2.11	106	2.00	0.998	
Total Xylenes*	<0.150	0.150	09/02/2023	ND	6.39	106	6.00	0.155	
Total BTEX	<0.300	0.300	09/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *108 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**96.0**	16.0	09/01/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2023	ND	172	85.8	200	0.179	
DRO >C10-C28*	<10.0	10.0	09/01/2023	ND	183	91.6	200	2.42	
EXT DRO >C28-C36	<10.0	10.0	09/01/2023	ND					

Surrogate: 1-Chlorooctane *87.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *94.8 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 6

Company Name:	XTO Energy
Project Manager:	Becky Haskell
Address:	701 Travelcards Blvd
City:	Midland State: TX Zip: 79701
Phone #:	432-766-1918 Fax #:
Project #:	226700 Project Owner: Earthstone
Project Name:	Diamondback 24-25 CTB
Project Location:	Lea Co, NM
Sampler Name:	Kenny Han

BILL TO

P.O. #:	
Company:	Earthstone
Attn:	Chris Martin
Address:	
City:	
State:	Zip:
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING DATE	SAMPLING TIME	BTEX	TPH	Chloride
H234747																		
1	CS-82	1.5'	C	1			X							8/30/23	11:00			
2	CS-83														11:03			
3	CS-84														11:06			
4	CS-85														11:09			
5	CS-86														11:12			
6	CS-87														11:15			
7	CS-88														11:18			
8	CS-89														11:21			
9	CS-90														11:24			
10	CS-91														11:27			

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Relinquished By:	Date: 8/31/23	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 15:21		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		

Delivered By: (Circle One)	Observed Temp. °C 1.9°C	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time: ☑ Standard ☐ Rush
Sampler - UPS - Bus - Other:	Corrected Temp. °C #140	☑ Yes ☑ Yes ☐ No ☐ No		Thermometer ID #140 Correction Factor 0°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

FORM-006 R 3.4 07/11/23

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CARDINAL Laboratories

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 6

Company Name:	NGE
Project Manager:	Becky Haskell
Address:	701 Tradewinds Blvd
City:	Midland State: TX Zip: 79701
Phone #:	432-766-1918 Fax #:
Project #:	226700 Project Owner: Earthstone
Project Name:	Diamondback 24-25 CTB
Project Location:	Lea Co, NM
Sampler Name:	Kenny Hern

BILL TO

P.O. #:	KH 8/31/23
Company:	Earthstone
Attn:	Chris Martin
Address:	
City:	
State:	Zip:
Phone #:	
Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	Chloride
H234747 11	CS-92	1.5'	C	1			X							8/30/23	11:30			
12	CS-93														11:33			
13	CS-94														11:36			
14	CS-95														11:39			
15	CS-96														11:42			
16	CS-97														11:45			
17	CS-98														11:48			
18	CS-99														11:51			
19	CS-100														11:54			
20	CS-101														11:57			

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Relinquished By:	Date: 8/31/23 Time: 15:21	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address:
			REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.9°C #140 Corrected Temp. °C	Sample Condition Cool Yes ☑ Intact Yes ☐ No ☐	CHECKED BY: (Initials) DH
			Turnaround Time: Standard ☑ Rush ☐ Thermometer ID #140 Correction Factor 0°C
			Bacteria (only) Sample Condition Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.4 07/11/23

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of 6

		BILL TO	
Company Name:	NTGE	P.O. #:	
Project Manager:	Becky Haskell	Company:	Earthstone
Address:	701 Tradewinds Blvd	Attn:	Chris Martin
City:	Midland	State: TX Zip:	79701
Phone #:	432-766-1918	Fax #:	
Project #:	226700	Project Owner:	Earthstone
Project Name:	Diamondback 24-25 CTB		
Project Location:	Lea Co, NM		
Sampler Name:	Kenny Hays		

FOR LAB USE ONLY

Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	Chloride
H234747																		
21	CS-102	1.5'	C	1			X							8/30/23	12:00			
22	CS-103														12:03			
23	CS-104														12:06			
24	CS-105														12:09			
25	SW-10	0-1.25'													12:12			
26	SW-11														12:15			
27	SW-12														12:18			
28	SW-13														12:21			
29	SW-14														12:24			
30	SW-15														12:27			

ANALYSIS REQUEST

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Relinquished By:	Date: 8/31/23	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 10:21		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		

Delivered By: (Circle One)	Observed Temp. °C 1.9°C	Sample Condition Cool / Intact	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ Rush ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C #140	☑ Yes ☑ Yes ☐ No ☐ No		Thermometer ID #140 Correction Factor 0°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No; Observed Temp. °C; Corrected Temp. °C

FORM-006 R 3.4 07/11/23

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4 of 6

Company Name:	NTGE	**BILL TO** P.O. #:	
Project Manager:	Becky Haskell	Company:	Earthstone
Address:	701 Tradewinds Blvd	Attn:	Chris Martin
City:	Midland State: TX Zip: 79701	Address:	
Phone #:	432-766-1918 Fax #:	City:	
Project #:	226700 Project Owner: Earthstone	State: Zip:	
Project Name:	Diamondback 24-25 CTB	Phone #:	
Project Location:	Lea Co, NM	Fax #:	
Sampler Name:	Kenny Han		

FOR LAB USE ONLY Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE	SAMPLING TIME	BTEX	TPH	Chloride
H234747																		
31	SW - 27	0-1'	C	1			X							8/30/23	12:30			
32	SW - 28	0-6"													12:33			
33	SW - 29	0-6"													12:36			
34	CS-106	4'												8/31/23	11:00			
35	CS-107														11:03			
36	CS-108														11:06			
37	CS-109														11:09			
38	CS-110														11:12			
39	CS-111														11:15			
40	CS-112														11:18			

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Relinquished By:	Date: 8/31/23 Time: 15:21	Received By:	
Relinquished By:	Date: Time:	Received By:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.9°C #140 Corrected Temp. °C	Sample Condition Cool: ☐ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials)

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:

REMARKS:

Turnaround Time: Standard ☑ Rush ☐
Thermometer ID #140
Correction Factor 0°C

Bacteria (only) Sample Condition
Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

5 of 6

Company Name:	XTO E	**BILL TO** P.O. #:	
Project Manager:	Becky Haskell	Company:	Earthstone
Address:	701 Treecrumbs Blvd	Attn:	Chris Martin
City:	Midland State: TX Zip: 79701	Address:	
Phone #:	432-766-1918 Fax #:	City:	
Project #:	226700 Project Owner: Earthstone	State: Zip:	
Project Name:	Diamond Back 24-25 CTB	Phone #:	
Project Location:	Lea Co, NM	Fax #:	
Sampler Name:	Kenny Han		

FOR LAB USE ONLY Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	Chloride
H234747																		
41	CS-113	4'	C	1			X							8/31/23	11:21			
42	CS-114	↓	↓	↓			↓								11:24			
43	CS-115	↓	↓	↓			↓								11:27			
44	SW-30	0-4'	↓	↓			↓								11:30			
45	SW-31	↓	↓	↓			↓								11:33			
46	SW-32	↓	↓	↓			↓								11:36			
47	SW-33	↓	↓	↓			↓								11:39			
48	SW-34	↓	↓	↓			↓								11:42			
49	SW-35	↓	↓	↓			↓								11:45			
50	SW-36	1.5-4'	↓	↓			↓								11:48			

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Relinquished By:	Date: 8/31/23	Received By:	
	Time: 15:21		
Relinquished By:	Date:	Received By:	
	Time:		

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:

REMARKS:

Delivered By: (Circle One)	Observed Temp. °C 1.5°C #140	Sample Condition Cool Yes / Intact Yes	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ Rush ☐	Bacteria (only) Sample Condition Cool Yes Intact Yes
Sampler - UPS - Bus - Other:	Corrected Temp. °C	No No		Thermometer ID #140 Correction Factor 0°C	No No Observed Temp. °C Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

6 of 6

Company Name:	NTGE	**BILL TO** P.O. #:	
Project Manager:	Becky Haskell	Company:	Earthstone
Address:	701 Travis Blvd	Attn:	Chris Martin
City:	Midland	State: TX Zip: 79701	Address:
Phone #:	432-766-1918	Fax #:	City:
Project #:	226700	Project Owner: Earthstone	State: Zip:
Project Name:	Diamondback 24-25 CTB		Phone #:
Project Location:	Lea Co, NM		Fax #:
Sampler Name:	Kenny Hunt		

FOR LAB USE ONLY Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX	TPH	Chloride
H234747																		
51	SW-37	0-1.5'	C	1			X							8/31/23	11:51			
52	SW-38	↓													11:54			
53	SW-39	↓													11:57			
54	SW-40	0-6"	↓	↓	↓									↓	12:00	↓	↓	↓

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Relinquished By:	Date: 8/31/23 Time: 15:21	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:
Relinquished By:	Date: Time:	Received By:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.9°C #140 Corrected Temp. °C	Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	CHECKED BY: (Initials)

Turnaround Time: Standard ☑ Rush ☐
Thermometer ID #140
Correction Factor 0°C

Bacteria (only) Sample Condition
Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

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March 04, 2024

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: DIAMONDBACK

Enclosed are the results of analyses for samples received by the laboratory on 09/19/23 13:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 116 (4')	H235078-01	Soil	19-Sep-23 09:00	19-Sep-23 13:18
CS - 117 (4')	H235078-02	Soil	19-Sep-23 09:00	19-Sep-23 13:18
CS - 118 (11')	H235078-03	Soil	19-Sep-23 09:00	19-Sep-23 13:18
CS - 119 (11')	H235078-04	Soil	19-Sep-23 09:00	19-Sep-23 13:18
CS - 120 (11')	H235078-05	Soil	19-Sep-23 09:00	19-Sep-23 13:18
CS - 121 (8')	H235078-06	Soil	19-Sep-23 09:00	19-Sep-23 13:18
CS - 122 (8')	H235078-07	Soil	19-Sep-23 09:00	19-Sep-23 13:18
CS - 123 (8')	H235078-08	Soil	19-Sep-23 09:00	19-Sep-23 13:18
CS - 124 (3')	H235078-09	Soil	19-Sep-23 09:00	19-Sep-23 13:18
CS - 125 (3')	H235078-10	Soil	19-Sep-23 09:00	19-Sep-23 13:18
CS - 126 (3')	H235078-11	Soil	19-Sep-23 09:30	19-Sep-23 13:18
SW - 41 (0-4')	H235078-12	Soil	19-Sep-23 09:30	19-Sep-23 13:18
SW - 42 (4-11')	H235078-13	Soil	19-Sep-23 09:30	19-Sep-23 13:18
SW - 43 (0-8')	H235078-14	Soil	19-Sep-23 09:30	19-Sep-23 13:18
SW - 44 (0-8')	H235078-15	Soil	19-Sep-23 09:30	19-Sep-23 13:18
SW - 45 (0-8')	H235078-16	Soil	19-Sep-23 09:30	19-Sep-23 13:18
SW - 46 (0-8')	H235078-17	Soil	19-Sep-23 09:30	19-Sep-23 13:18
SW - 47 (3-8')	H235078-18	Soil	19-Sep-23 09:30	19-Sep-23 13:18
SW - 48 (8-11')	H235078-19	Soil	19-Sep-23 09:30	19-Sep-23 13:18
SW - 49 (8-11')	H235078-20	Soil	19-Sep-23 09:30	19-Sep-23 13:18
SW - 50 (0-11')	H235078-21	Soil	19-Sep-23 10:00	19-Sep-23 13:18
SW - 51 (0-11')	H235078-22	Soil	19-Sep-23 10:00	19-Sep-23 13:18
SW - 52 (0-11')	H235078-23	Soil	19-Sep-23 10:00	19-Sep-23 13:18
SW - 53 (3-11')	H235078-24	Soil	19-Sep-23 10:00	19-Sep-23 13:18
SW - 54 (3'-11')	H235078-25	Soil	19-Sep-23 10:00	19-Sep-23 13:18
SW - 55 (1-3')	H235078-26	Soil	19-Sep-23 10:00	19-Sep-23 13:18

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

09/27/23 - We logged in the incorrect sample ID for -16, client discovered it. This is the corrected report and will replace the one sent on 09/25/23.

03/04/24 - Client changed the sample IDs on -25 and -26 (see COC). This is the 2nd revision of the report and will replace the one sent on 09/27/23.

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

CS - 116 (4')

H235078-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2840**		16.0	mg/kg	4	3092022	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Toluene*	**0.063**		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	GC-NC1
Ethylbenzene*	**0.255**		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	GC-NC1
Total Xylenes*	**1.88**		0.150	mg/kg	50	3092006	JH	20-Sep-23	8021B	GC-NC1
Total BTEX	**2.20**		0.300	mg/kg	50	3092006	JH	20-Sep-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*132 %*	*71.5-134*		*3092006*	JH	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	**264**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
DRO >C10-C28*	**8840**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	**1890**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*146 %*	*48.2-134*		*3092004*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*217 %*	*49.1-148*		*3092004*	MS	*20-Sep-23*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

CS - 117 (4')

H235078-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2120**		16.0	mg/kg	4	3092022	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	GC-NC
Toluene*	**0.686**		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	GC-NC1
Ethylbenzene*	**1.50**		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	GC-NC1
Total Xylenes*	**16.1**		0.150	mg/kg	50	3092006	JH	20-Sep-23	8021B	GC-NC1
Total BTEX	**18.3**		0.300	mg/kg	50	3092006	JH	20-Sep-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*718 %*	*71.5-134*		*3092006*	JH	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	**811**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
DRO >C10-C28*	**6430**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	**1300**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*172 %*	*48.2-134*		*3092004*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*145 %*	*49.1-148*		*3092004*	MS	*20-Sep-23*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

CS - 118 (11')

H235078-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1950**		16.0	mg/kg	4	3092022	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Ethylbenzene*	**0.090**		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	GC-NC1
Total Xylenes*	**0.512**		0.150	mg/kg	50	3092006	JH	20-Sep-23	8021B	GC-NC1
Total BTEX	**0.602**		0.300	mg/kg	50	3092006	JH	20-Sep-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*133 %*	*71.5-134*		*3092006*	JH	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**13.9**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
DRO >C10-C28*	**465**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	**92.9**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*98.4 %*	*48.2-134*		*3092004*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*121 %*	*49.1-148*		*3092004*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

CS - 119 (11')

H235078-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**560**		16.0	mg/kg	4	3092022	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*119 %*	*71.5-134*		*3092006*	JH	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*93.6 %*	*48.2-134*		*3092004*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*106 %*	*49.1-148*		*3092004*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

CS - 120 (11')

H235078-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1840**		16.0	mg/kg	4	3092022	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*71.5-134*		*3092006*	JH	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
DRO >C10-C28*	**215**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	**44.8**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*92.8 %*	*48.2-134*		*3092004*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*106 %*	*49.1-148*		*3092004*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

CS - 121 (8')

H235078-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**480**		16.0	mg/kg	4	3092022	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Total Xylenes*	**0.161**		0.150	mg/kg	50	3092006	JH	20-Sep-23	8021B	GC-NC1
Total BTEX	<0.300		0.300	mg/kg	50	3092006	JH	20-Sep-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*135 %*	*71.5-134*		*3092006*	JH	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
DRO >C10-C28*	**925**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	**206**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*81.0 %*	*48.2-134*		*3092004*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*101 %*	*49.1-148*		*3092004*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

CS - 122 (8')

H235078-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**128**		16.0	mg/kg	4	3092022	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092006	JH	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*110 %*	*71.5-134*		*3092006*	JH	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
DRO >C10-C28*	**168**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	**33.6**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*84.8 %*	*48.2-134*		*3092004*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*96.0 %*	*49.1-148*		*3092004*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

CS - 123 (8')

H235078-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**192**		16.0	mg/kg	4	3092022	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	**0.093**		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	GC-NC1
Total Xylenes*	**0.488**		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	GC-NC1
Total BTEX	**0.581**		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*125 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**25.7**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
DRO >C10-C28*	**738**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	**144**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*97.5 %*	*48.2-134*		*3092004*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*115 %*	*49.1-148*		*3092004*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

CS - 124 (3')

H235078-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**512**		16.0	mg/kg	4	3092022	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*106 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
DRO >C10-C28*	**34.4**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	**13.6**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*96.5 %*	*48.2-134*		*3092004*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*110 %*	*49.1-148*		*3092004*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

CS - 125 (3')

H235078-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**496**		16.0	mg/kg	4	3092022	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*115 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**12.6**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
DRO >C10-C28*	**864**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	**192**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*100 %*	*48.2-134*		*3092004*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*124 %*	*49.1-148*		*3092004*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

CS - 126 (3')

H235078-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	3092022	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
DRO >C10-C28*	**11.0**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*92.6 %*	*48.2-134*		*3092004*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*106 %*	*49.1-148*		*3092004*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

SW - 41 (0-4')

H235078-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2030**		16.0	mg/kg	4	3092022	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*108 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*92.1 %*	*48.2-134*		*3092004*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*104 %*	*49.1-148*		*3092004*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

SW - 42 (4-11')

H235078-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1120**		16.0	mg/kg	4	3092022	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*108 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
DRO >C10-C28*	**151**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	**33.4**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*107 %*	*48.2-134*		*3092004*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*122 %*	*49.1-148*		*3092004*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

SW - 43 (0-8')

H235078-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	3092023	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
DRO >C10-C28*	**18.3**		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3092004	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*92.8 %*	*48.2-134*		*3092004*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*103 %*	*49.1-148*		*3092004*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

SW - 44 (0-8')

H235078-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	3092023	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	**0.093**		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	GC-NC1
Total Xylenes*	**0.600**		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	GC-NC1
Total BTEX	**0.693**		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*133 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**41.6**		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
DRO >C10-C28*	**896**		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	QM-07
EXT DRO >C28-C36	**155**		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*93.9 %*	*48.2-134*		*3092003*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*110 %*	*49.1-148*		*3092003*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

SW - 45 (0-8')

H235078-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	3092023	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*88.1 %*	*48.2-134*		*3092003*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*90.3 %*	*49.1-148*		*3092003*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

SW - 46 (0-8')

H235078-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**48.0**		16.0	mg/kg	4	3092023	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*83.5 %*	*48.2-134*		*3092003*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*84.7 %*	*49.1-148*		*3092003*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

SW - 47 (3-8')

H235078-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	3092023	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*109 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*72.8 %*	*48.2-134*		*3092003*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*74.0 %*	*49.1-148*		*3092003*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

SW - 48 (8-11')

H235078-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**320**		16.0	mg/kg	4	3092023	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	**0.177**		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	GC-NC1
Total Xylenes*	**0.902**		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	GC-NC1
Total BTEX	**1.08**		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*131 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**24.1**		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
DRO >C10-C28*	**1010**		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	**176**		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*67.2 %*	*48.2-134*		*3092003*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*91.3 %*	*49.1-148*		*3092003*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

SW - 49 (8-11')

H235078-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**880**		16.0	mg/kg	4	3092023	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*110 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
DRO >C10-C28*	**153**		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	**34.1**		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*67.0 %*	*48.2-134*		*3092003*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*73.4 %*	*49.1-148*		*3092003*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

SW - 50 (0-11')

H235078-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**9200**		16.0	mg/kg	4	3092023	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
DRO >C10-C28*	**370**		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	**65.6**		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*71.6 %*	*48.2-134*		*3092003*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*81.4 %*	*49.1-148*		*3092003*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

SW - 51 (0-11')

H235078-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**6160**		16.0	mg/kg	4	3092023	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*111 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
DRO >C10-C28*	**11.8**		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*65.7 %*	*48.2-134*		*3092003*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*67.9 %*	*49.1-148*		*3092003*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

SW - 52 (0-11')

H235078-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**5280**		16.0	mg/kg	4	3092023	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*112 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*72.7 %*	*48.2-134*		*3092003*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*75.8 %*	*49.1-148*		*3092003*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

SW - 53 (3-11')

H235078-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**992**		16.0	mg/kg	4	3092023	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*108 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
DRO >C10-C28*	**121**		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	**25.0**		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*72.0 %*	*48.2-134*		*3092003*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.9 %*	*49.1-148*		*3092003*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

SW - 54 (3'-11')

H235078-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	3092023	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*108 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*76.4 %*	*48.2-134*		*3092003*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*78.5 %*	*49.1-148*		*3092003*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

SW - 55 (1-3')

H235078-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**16.0**		16.0	mg/kg	4	3092023	AC	20-Sep-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3092007	MS	20-Sep-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*107 %*	*71.5-134*		*3092007*	MS	*20-Sep-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3092003	MS	20-Sep-23	8015B	
Surrogate: 1-Chlorooctane			*68.1 %*	*48.2-134*		*3092003*	MS	*20-Sep-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*69.6 %*	*49.1-148*		*3092003*	MS	*20-Sep-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3092022 - 1:4 DI Water										
Blank (3092022-BLK1)				Prepared & Analyzed: 20-Sep-23						
Chloride	ND	16.0	mg/kg							
LCS (3092022-BS1)				Prepared & Analyzed: 20-Sep-23						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3092022-BSD1)				Prepared & Analyzed: 20-Sep-23						
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	
Batch 3092023 - 1:4 DI Water										
Blank (3092023-BLK1)				Prepared & Analyzed: 20-Sep-23						
Chloride	ND	16.0	mg/kg							
LCS (3092023-BS1)				Prepared & Analyzed: 20-Sep-23						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (3092023-BSD1)				Prepared & Analyzed: 20-Sep-23						
Chloride	448	16.0	mg/kg	400		112	80-120	7.41	20	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3092006 - Volatiles										
Blank (3092006-BLK1)				Prepared & Analyzed: 20-Sep-23						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*91.7*	*71.5-134*			
LCS (3092006-BS1)				Prepared & Analyzed: 20-Sep-23						
Benzene	1.97	0.050	mg/kg	2.00		98.4	82.8-130			
Toluene	2.13	0.050	mg/kg	2.00		107	86-128			
Ethylbenzene	2.28	0.050	mg/kg	2.00		114	85.9-128			
m,p-Xylene	4.54	0.100	mg/kg	4.00		113	89-129			
o-Xylene	2.25	0.050	mg/kg	2.00		112	86.1-125			
Total Xylenes	6.79	0.150	mg/kg	6.00		113	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0548*		mg/kg	*0.0500*		*110*	*71.5-134*			
LCS Dup (3092006-BSD1)				Prepared & Analyzed: 20-Sep-23						
Benzene	2.00	0.050	mg/kg	2.00		99.8	82.8-130	1.37	15.8	
Toluene	2.03	0.050	mg/kg	2.00		102	86-128	4.70	15.9	
Ethylbenzene	2.14	0.050	mg/kg	2.00		107	85.9-128	6.14	16	
m,p-Xylene	4.25	0.100	mg/kg	4.00		106	89-129	6.43	16.2	
o-Xylene	2.20	0.050	mg/kg	2.00		110	86.1-125	2.38	16.7	
Total Xylenes	6.45	0.150	mg/kg	6.00		108	88.2-128	5.07	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0534*		mg/kg	*0.0500*		*107*	*71.5-134*			
Batch 3092007 - Volatiles										
Blank (3092007-BLK1)				Prepared & Analyzed: 20-Sep-23						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3092007 - Volatiles										
Blank (3092007-BLK1)				Prepared & Analyzed: 20-Sep-23						
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*0.0536*		mg/kg	*0.0500*		*107*	*71.5-134*			
LCS (3092007-BS1)				Prepared & Analyzed: 20-Sep-23						
Benzene	2.07	0.050	mg/kg	2.00		103	82.8-130			
Toluene	2.10	0.050	mg/kg	2.00		105	86-128			
Ethylbenzene	2.07	0.050	mg/kg	2.00		103	85.9-128			
m,p-Xylene	4.26	0.100	mg/kg	4.00		106	89-129			
o-Xylene	2.04	0.050	mg/kg	2.00		102	86.1-125			
Total Xylenes	6.30	0.150	mg/kg	6.00		105	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0513*		mg/kg	*0.0500*		*103*	*71.5-134*			
LCS Dup (3092007-BSD1)				Prepared & Analyzed: 20-Sep-23						
Benzene	2.09	0.050	mg/kg	2.00		104	82.8-130	1.08	15.8	
Toluene	2.11	0.050	mg/kg	2.00		106	86-128	0.772	15.9	
Ethylbenzene	2.09	0.050	mg/kg	2.00		104	85.9-128	1.06	16	
m,p-Xylene	4.27	0.100	mg/kg	4.00		107	89-129	0.165	16.2	
o-Xylene	2.01	0.050	mg/kg	2.00		100	86.1-125	1.60	16.7	
Total Xylenes	6.27	0.150	mg/kg	6.00		105	88.2-128	0.404	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0511*		mg/kg	*0.0500*		*102*	*71.5-134*			

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3092003 - General Prep - Organics										
Blank (3092003-BLK1)				Prepared & Analyzed: 20-Sep-23						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*39.8*		mg/kg	*50.0*		*79.5*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*41.6*		mg/kg	*50.0*		*83.2*	*49.1-148*			
LCS (3092003-BS1)				Prepared & Analyzed: 20-Sep-23						
GRO C6-C10	186	10.0	mg/kg	200		92.9	66.4-123			
DRO >C10-C28	179	10.0	mg/kg	200		89.3	66.5-118			
Total TPH C6-C28	364	10.0	mg/kg	400		91.1	77.6-123			
Surrogate: 1-Chlorooctane	*46.9*		mg/kg	*50.0*		*93.8*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*48.1*		mg/kg	*50.0*		*96.2*	*49.1-148*			
LCS Dup (3092003-BSD1)				Prepared & Analyzed: 20-Sep-23						
GRO C6-C10	177	10.0	mg/kg	200		88.6	66.4-123	4.70	17.7	
DRO >C10-C28	177	10.0	mg/kg	200		88.5	66.5-118	0.937	21	
Total TPH C6-C28	354	10.0	mg/kg	400		88.6	77.6-123	2.84	18.5	
Surrogate: 1-Chlorooctane	*43.8*		mg/kg	*50.0*		*87.6*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*46.8*		mg/kg	*50.0*		*93.7*	*49.1-148*			
Batch 3092004 - General Prep - Organics										
Blank (3092004-BLK1)				Prepared & Analyzed: 20-Sep-23						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*43.7*		mg/kg	*50.0*		*87.5*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*49.8*		mg/kg	*50.0*		*99.6*	*49.1-148*			

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:41

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3092004 - General Prep - Organics										
LCS (3092004-BS1)				Prepared & Analyzed: 20-Sep-23						
GRO C6-C10	209	10.0	mg/kg	200		105	66.4-123			
DRO >C10-C28	209	10.0	mg/kg	200		104	66.5-118			
Total TPH C6-C28	418	10.0	mg/kg	400		105	77.6-123			
Surrogate: 1-Chlorooctane	*48.4*		mg/kg	*50.0*		*96.7*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*52.4*		mg/kg	*50.0*		*105*	*49.1-148*			
LCS Dup (3092004-BSD1)				Prepared & Analyzed: 20-Sep-23						
GRO C6-C10	206	10.0	mg/kg	200		103	66.4-123	1.73	17.7	
DRO >C10-C28	203	10.0	mg/kg	200		101	66.5-118	2.82	21	
Total TPH C6-C28	409	10.0	mg/kg	400		102	77.6-123	2.27	18.5	
Surrogate: 1-Chlorooctane	*50.0*		mg/kg	*50.0*		*100*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*51.0*		mg/kg	*50.0*		*102*	*49.1-148*			

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name:	NTGE
Project Manager:	Becky Haskel
Address:	209 w McKay St
City:	Carlsbad
State:	NM
Zip:	88220
Phone #:	432-924-8056
Fax #:	
Project #:	226700
Project Owner:	Earthstone
Project Name:	Diamondback
Project Location:	Lea County
Sampler Name:	Tyler Kimball

BILL TO

P.O. #:	
Company:	
Attn:	
Address:	
City:	
State:	Zip:
Phone #:	
Fax #:	

ANALYSIS REQUEST

TPH ✓ | Chlorides ✓ | BTEX ✓

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME
H235078														
1	CS-116 (4')	C	1			X							9-19	9:00Am
2	CS-117 (4')													
3	CS-118 (11')													
4	CS-119 (11')													
5	CS-120 (11')													
6	CS-121 (8')													
7	CS-122 (8')													
8	CS-123 (8')													
9	CS-124 (3')													
10	CS-125 (3')													

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Relinquished By:	Date: 9-19	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1:18		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		

Delivered By: (Circle One)	Observed Temp. °C -1.0	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:	Standard ☑ / Rush ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool: ☑ Yes ☐ No / Intact: ☑ Yes ☐ No		Thermometer ID #140 / Correction Factor 0°C	Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No / Intact ☐ Yes ☐ No / Observed Temp. °C / Corrected Temp. °C

FORM-006 R 3.4 07/11/23

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	NTGE	**BILL TO**	
Project Manager:	Becky Haskel	P.O. #:	
Address:	209 w McKay St	Company:	
City:	Carlsbad	State: NM Zip: 88220	Attn:
Phone #:	432-924-8056	Fax #:	Address:
Project #:	226700	Project Owner: Earthstone	City:
Project Name:	Diamondback		State: Zip:
Project Location:	Lea County		Phone #:
Sampler Name:	Tyler Kimball		Fax #:

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING DATE	SAMPLING TIME	ANALYSIS REQUEST: TPH	Chlorides	BTEX
H235078																	
11	CS-126 (3')	C	1			X					✓		9-19	9:30AM	✓	✓	✓
12	SW-41 (0-4')																
13	SW-42 (4-11')																
14	SW-43 (0-8')																
15	SW-44 (0-8')																
16	SW-45 (0-8')																
17	SW-46 (0-8')																
18	SW-47 (3-8')																
19	SW-48 (8-11')																
20	SW-49 (8-11')																

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Relinquished By:	Date: 9-19	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1:18		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		

Delivered By: (Circle One)	Observed Temp. °C -1.0	Sample Condition	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ Rush ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool: ☑ Yes ☐ No Intact: ☑ Yes ☐ No		Thermometer ID #140 Correction Factor 0°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.4 07/11/23

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CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTGE
Project Manager: Becky Haskel
Address: 209 w McKay St
City: Carlsbad State: NM Zip: 88220
Phone #: 432-924-8056 Fax #:
Project #: 226700 Project Owner: Earthstar
Project Name: Diamondback
Project Location: Lea County
Sampler Name: Tyler Hartwell

BILL TO
P.O. #:
Company:
Attn:
Address:
City:
State: Zip:
Phone #:
Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE:	ICE / COOL	OTHER:	SAMPLING: DATE	TIME	TPH	Chlorides	BTEX
H235078											✓				✓	✓	✓
21	SW-50 (0-11')	C	1			X							9-19	10:00			
22	SW-51 (0-11')																
23	SW-52 (0-11')																
24	SW-53 (3-11')																
* 25	SW-54 (~~1-3'~~) (3'-11')																
26	SW-55 (~~0~~-3')																

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Relinquished By: Date: 9.19 Time: 1:18 Received By:
Relinquished By: Date: Time: Received By:

Delivered By: (Circle One) Observed Temp. °C -1.0
Sampler - UPS - Bus - Other: Corrected Temp. °C
Sample Condition: Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No
CHECKED BY: (Initials) TO

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:

REMARKS: * Customer requested Sample ID Changes. TO. 3/1/24

Turnaround Time: Standard ☑ Rush ☐
Thermometer ID #140
Correction Factor 0°C
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

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FORM-006 R 3.4 07/11/23

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 04, 2024

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: DIAMONDBACK 24-25 CTB

Enclosed are the results of analyses for samples received by the laboratory on 10/09/23 14:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Total Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW - 10B 4-12.5'	H235491-01	Soil	09-Oct-23 10:00	09-Oct-23 14:40
SW - 11B 4-12.5'	H235491-02	Soil	09-Oct-23 10:02	09-Oct-23 14:40
SW - 12B 4-12.5'	H235491-03	Soil	09-Oct-23 10:04	09-Oct-23 14:40
SW - 13B 4-12.5'	H235491-04	Soil	09-Oct-23 10:06	09-Oct-23 14:40
SW - 14B 4-12.5'	H235491-05	Soil	09-Oct-23 10:08	09-Oct-23 14:40
SW - 15B 4-12.5'	H235491-06	Soil	09-Oct-23 10:10	09-Oct-23 14:40
SW - 10A 0-4'	H235491-07	Soil	09-Oct-23 10:12	09-Oct-23 14:40
SW - 11A 0-4'	H235491-08	Soil	09-Oct-23 10:14	09-Oct-23 14:40
SW - 12A 0-4'	H235491-09	Soil	09-Oct-23 10:16	09-Oct-23 14:40
SW - 13A 0-4'	H235491-10	Soil	09-Oct-23 10:18	09-Oct-23 14:40
SW - 14A 0-4'	H235491-11	Soil	09-Oct-23 10:20	09-Oct-23 14:40
SW - 15A 0-4'	H235491-12	Soil	09-Oct-23 10:22	09-Oct-23 14:40
SW - 42A 4-11'	H235491-13	Soil	09-Oct-23 10:24	09-Oct-23 14:40
SW - 48A 8-11'	H235491-14	Soil	09-Oct-23 10:26	09-Oct-23 14:40
SW - 49A 8-11'	H235491-15	Soil	09-Oct-23 10:28	09-Oct-23 14:40
SW - 57 0-3'	H235491-16	Soil	09-Oct-23 10:30	09-Oct-23 14:40
SW - 58 0-4'	H235491-17	Soil	09-Oct-23 10:32	09-Oct-23 14:40
SW - 59 0-4'	H235491-18	Soil	09-Oct-23 10:34	09-Oct-23 14:40
SW - 60 0-3'	H235491-19	Soil	09-Oct-23 10:36	09-Oct-23 14:40
SW - 61 0-3'	H235491-20	Soil	09-Oct-23 10:38	09-Oct-23 14:40
SW - 50A 0-4'	H235491-21	Soil	09-Oct-23 10:40	09-Oct-23 14:40
SW - 50B 4-11'	H235491-22	Soil	09-Oct-23 10:42	09-Oct-23 14:40
SW - 51A 0-4'	H235491-23	Soil	09-Oct-23 10:44	09-Oct-23 14:40
SW - 51B 4-11'	H235491-24	Soil	09-Oct-23 10:46	09-Oct-23 14:40
SW - 52A 0-4'	H235491-25	Soil	09-Oct-23 10:48	09-Oct-23 14:40
SW - 52B 4-11'	H235491-26	Soil	09-Oct-23 10:50	09-Oct-23 14:40
SW - 53A 0-4'	H235491-27	Soil	09-Oct-23 10:52	09-Oct-23 14:40

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 53B 4-11'	H235491-28	Soil	09-Oct-23 10:54	09-Oct-23 14:40
VD - 3 5'	H235491-29	Soil	09-Oct-23 10:56	09-Oct-23 14:40
VD - 3 6'	H235491-30	Soil	09-Oct-23 10:58	09-Oct-23 14:40
VD -4 10'	H235491-31	Soil	09-Oct-23 11:20	09-Oct-23 14:40
VD -4 11'	H235491-32	Soil	09-Oct-23 11:22	09-Oct-23 14:40
VD - 1 0-6"	H235491-33	Soil	09-Oct-23 11:24	09-Oct-23 14:40
VD - 1 1-1.5'	H235491-34	Soil	09-Oct-23 11:26	09-Oct-23 14:40
VD - 1 2-2.5'	H235491-35	Soil	09-Oct-23 11:28	09-Oct-23 14:40
VD - 1 3-3.5'	H235491-36	Soil	09-Oct-23 11:30	09-Oct-23 14:40
VD - 1 4-4.5'	H235491-37	Soil	09-Oct-23 11:32	09-Oct-23 14:40
VD - 2 0-6"	H235491-38	Soil	09-Oct-23 11:34	09-Oct-23 14:40
VD - 2 1-1.5'	H235491-39	Soil	09-Oct-23 11:36	09-Oct-23 14:40
VD - 2 2-2.5'	H235491-40	Soil	09-Oct-23 11:38	09-Oct-23 14:40
VD - 2 3-3.5'	H235491-41	Soil	09-Oct-23 11:40	09-Oct-23 14:40
VD - 2 4-4.5'	H235491-42	Soil	09-Oct-23 11:42	09-Oct-23 14:40
VD - 2 5-5.5'	H235491-43	Soil	09-Oct-23 11:44	09-Oct-23 14:40
VD - 2 6-6.5'	H235491-44	Soil	09-Oct-23 11:46	09-Oct-23 14:40
VD - 2 7-7.5'	H235491-45	Soil	09-Oct-23 11:48	09-Oct-23 14:40
VD - 2 8-8.5'	H235491-46	Soil	09-Oct-23 11:50	09-Oct-23 14:40
VD - 3 7'	H235491-47	Soil	09-Oct-23 11:00	09-Oct-23 14:40
VD - 3 8'	H235491-48	Soil	09-Oct-23 11:02	09-Oct-23 14:40
VD - 3 9'	H235491-49	Soil	09-Oct-23 11:04	09-Oct-23 14:40
VD - 3 10'	H235491-50	Soil	09-Oct-23 11:06	09-Oct-23 14:40
VD - 3 11'	H235491-51	Soil	09-Oct-23 11:08	09-Oct-23 14:40
VD - 4 5'	H235491-52	Soil	09-Oct-23 11:10	09-Oct-23 14:40
VD - 4 6'	H235491-53	Soil	09-Oct-23 11:12	09-Oct-23 14:40
VD - 4 7'	H235491-54	Soil	09-Oct-23 11:14	09-Oct-23 14:40
VD - 4 8'	H235491-55	Soil	09-Oct-23 11:16	09-Oct-23 14:40
VD - 4 9'	H235491-56	Soil	09-Oct-23 11:18	09-Oct-23 14:40

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

10/17/23 - Client changed sample IDs (see COC). This is the revised report and will replace the one sent on 10/10/23.

03/04/24 - Client changed the sample IDs on -19 and -20 (see COC). This is the 2nd revision of the report and will replace the on sent on 10/17/23.

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 10B 4-12.5'

H235491-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**7100**		16.0	mg/kg	4	3101020	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*106 %*	*71.5-134*		*3100927*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*105 %*	*48.2-134*		*3100930*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*131 %*	*49.1-148*		*3100930*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 11B 4-12.5'

H235491-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**24000**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	QM-07
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*101 %*	*71.5-134*		*3100927*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*103 %*	*48.2-134*		*3100930*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*122 %*	*49.1-148*		*3100930*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 12B 4-12.5'

H235491-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**12400**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*104 %*	*71.5-134*		*3100927*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*114 %*	*48.2-134*		*3100930*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*136 %*	*49.1-148*		*3100930*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 13B 4-12.5'

H235491-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**160**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Ethylbenzene*	**0.064**		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	GC-NC1
Total Xylenes*	<0.150		0.150	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*130 %*	*71.5-134*		*3100927*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-06**
GRO C6-C10*	**56.0**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
DRO >C10-C28*	**12200**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	**2960**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*126 %*	*48.2-134*		*3100930*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*367 %*	*49.1-148*		*3100930*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 14B 4-12.5'

H235491-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2600**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Toluene*	**0.099**		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	GC-NC1
Ethylbenzene*	**0.123**		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	GC-NC1
Total Xylenes*	**0.424**		0.150	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total BTEX	**0.646**		0.300	mg/kg	50	3100927	JH	10-Oct-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*170 %*	*71.5-134*		*3100927*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-06**
GRO C6-C10*	**273**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
DRO >C10-C28*	**10400**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	**1980**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*155 %*	*48.2-134*		*3100930*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*310 %*	*49.1-148*		*3100930*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 15B 4-12.5'

H235491-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**30800**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*101 %*	*71.5-134*		*3100927*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*118 %*	*48.2-134*		*3100930*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*143 %*	*49.1-148*		*3100930*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 10A 0-4'

H235491-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100927	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*108 %*	*71.5-134*		*3100927*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-06**
GRO C6-C10*	<50.0		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
DRO >C10-C28*	**7160**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	**1810**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*131 %*	*48.2-134*		*3100930*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*290 %*	*49.1-148*		*3100930*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 11A 0-4'

H235491-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*102 %*	*71.5-134*		*3100927*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100930	MS	10-Oct-23	8015B	
DRO >C10-C28*	**1150**		10.0	mg/kg	1	3100930	MS	10-Oct-23	8015B	
EXT DRO >C28-C36	**316**		10.0	mg/kg	1	3100930	MS	10-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*102 %*	*48.2-134*		*3100930*	MS	*10-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*138 %*	*49.1-148*		*3100930*	MS	*10-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 12A 0-4'

H235491-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.8 %*	*71.5-134*		*3100927*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*99.2 %*	*48.2-134*		*3100930*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*124 %*	*49.1-148*		*3100930*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 13A 0-4'

H235491-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**128**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*105 %*	*71.5-134*		*3100927*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-06**
GRO C6-C10*	<50.0		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
DRO >C10-C28*	**5420**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	**1320**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*109 %*	*48.2-134*		*3100930*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*201 %*	*49.1-148*		*3100930*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 14A 0-4'

H235491-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**64.0**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Toluene*	**0.311**		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	GC-NC1
Ethylbenzene*	**0.489**		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	GC-NC1
Total Xylenes*	**7.45**		0.150	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total BTEX	**8.25**		0.300	mg/kg	50	3100927	JH	10-Oct-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*156 %*	*71.5-134*		*3100927*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-06**
GRO C6-C10*	**319**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
DRO >C10-C28*	**15300**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	**3940**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*161 %*	*48.2-134*		*3100930*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*429 %*	*49.1-148*		*3100930*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 15A 0-4'

H235491-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**80.0**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total Xylenes*	**0.549**		0.150	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total BTEX	**0.549**		0.300	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*116 %*	*71.5-134*		*3100927*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-06**
GRO C6-C10*	**61.7**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
DRO >C10-C28*	**14500**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	**3480**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*125 %*	*48.2-134*		*3100930*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*500 %*	*49.1-148*		*3100930*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 42A 4-11'

H235491-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1890**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*100 %*	*71.5-134*		*3100927*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
DRO >C10-C28*	**60.1**		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*94.9 %*	*48.2-134*		*3100930*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*120 %*	*49.1-148*		*3100930*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 48A 8-11'

H235491-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**560**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.1 %*	*71.5-134*		*3100927*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
DRO >C10-C28*	**485**		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	**115**		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*96.6 %*	*48.2-134*		*3100930*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*124 %*	*49.1-148*		*3100930*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 49A 8-11'

H235491-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**256**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*97.0 %*	*71.5-134*		*3100927*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
DRO >C10-C28*	**52.4**		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*97.5 %*	*48.2-134*		*3100930*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*126 %*	*49.1-148*		*3100930*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 57 0-3'

H235491-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1490**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.5 %*	*71.5-134*		*3100927*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*109 %*	*48.2-134*		*3100930*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*136 %*	*49.1-148*		*3100930*	MS	*09-Oct-23*	*8015B*	

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 58 0-4'

H235491-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**992**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.0 %*	*71.5-134*		*3100927*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100930	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*111 %*	*48.2-134*		*3100930*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*138 %*	*49.1-148*		*3100930*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 59 0-4'

H235491-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2120**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Ethylbenzene*	**0.050**		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	GC-NC1
Total Xylenes*	**1.67**		0.150	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total BTEX	**1.72**		0.300	mg/kg	50	3100927	JH	10-Oct-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*135 %*	*71.5-134*		*3100927*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-06**
GRO C6-C10*	**149**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
DRO >C10-C28*	**13100**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	**2960**		50.0	mg/kg	5	3100930	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*159 %*	*48.2-134*		*3100930*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*388 %*	*49.1-148*		*3100930*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 60 0-3'

H235491-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**112**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.5 %*	*71.5-134*		*3100927*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100930	MS	10-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100930	MS	10-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100930	MS	10-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*102 %*	*48.2-134*		*3100930*	MS	*10-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*142 %*	*49.1-148*		*3100930*	MS	*10-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 61 0-3'

H235491-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1410**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100927	JH	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*103 %*	*71.5-134*		*3100927*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100930	MS	10-Oct-23	8015B	
DRO >C10-C28*	**32.1**		10.0	mg/kg	1	3100930	MS	10-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100930	MS	10-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*108 %*	*48.2-134*		*3100930*	MS	*10-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*138 %*	*49.1-148*		*3100930*	MS	*10-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 50A 0-4'

H235491-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1250**		16.0	mg/kg	4	3101018	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Ethylbenzene*	**0.159**		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	GC-NC1
Total Xylenes*	**0.514**		0.150	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Total BTEX	**0.673**		0.300	mg/kg	50	3100928	JH	10-Oct-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*143 %*	*71.5-134*		*3100928*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-06**
GRO C6-C10*	**112**		50.0	mg/kg	5	3100931	MS	09-Oct-23	8015B	
DRO >C10-C28*	**8750**		50.0	mg/kg	5	3100931	MS	09-Oct-23	8015B	QM-07
EXT DRO >C28-C36	**1810**		50.0	mg/kg	5	3100931	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*111 %*	*48.2-134*		*3100931*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*158 %*	*49.1-148*		*3100931*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 50B 4-11'

H235491-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**7500**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	QM-07
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.7 %*	*71.5-134*		*3100928*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
DRO >C10-C28*	**190**		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	**53.1**		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*72.7 %*	*48.2-134*		*3100931*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*83.4 %*	*49.1-148*		*3100931*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 51A 0-4'

H235491-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**912**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Ethylbenzene*	**0.164**		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	GC-NC1
Total Xylenes*	**0.571**		0.150	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Total BTEX	**0.735**		0.300	mg/kg	50	3100928	JH	10-Oct-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*141 %*	*71.5-134*		*3100928*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-06**
GRO C6-C10*	**145**		50.0	mg/kg	5	3100931	MS	10-Oct-23	8015B	
DRO >C10-C28*	**8820**		50.0	mg/kg	5	3100931	MS	10-Oct-23	8015B	
EXT DRO >C28-C36	**1880**		50.0	mg/kg	5	3100931	MS	10-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*138 %*	*48.2-134*		*3100931*	MS	*10-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*159 %*	*49.1-148*		*3100931*	MS	*10-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 51B 4-11'

H235491-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**7730**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*102 %*	*71.5-134*		*3100928*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
DRO >C10-C28*	**234**		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	**67.9**		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*66.9 %*	*48.2-134*		*3100931*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*77.3 %*	*49.1-148*		*3100931*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 52A 0-4'

H235491-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**384**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Ethylbenzene*	**0.330**		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	GC-NC1
Total Xylenes*	**1.04**		0.150	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Total BTEX	**1.37**		0.300	mg/kg	50	3100928	JH	10-Oct-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*158 %*	*71.5-134*		*3100928*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-06**
GRO C6-C10*	**221**		50.0	mg/kg	5	3100931	MS	10-Oct-23	8015B	
DRO >C10-C28*	**8360**		50.0	mg/kg	5	3100931	MS	10-Oct-23	8015B	
EXT DRO >C28-C36	**1730**		50.0	mg/kg	5	3100931	MS	10-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*126 %*	*48.2-134*		*3100931*	MS	*10-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*151 %*	*49.1-148*		*3100931*	MS	*10-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 52B 4-11'

H235491-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**6800**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*102 %*	*71.5-134*		*3100928*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
DRO >C10-C28*	**287**		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	**77.1**		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*86.6 %*	*48.2-134*		*3100931*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*108 %*	*49.1-148*		*3100931*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 53A 0-4'

H235491-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**592**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Ethylbenzene*	**0.266**		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	GC-NC1
Total Xylenes*	**0.949**		0.150	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Total BTEX	**1.22**		0.300	mg/kg	50	3100928	JH	10-Oct-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*161 %*	*71.5-134*		*3100928*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-06**
GRO C6-C10*	**219**		50.0	mg/kg	5	3100931	MS	10-Oct-23	8015B	
DRO >C10-C28*	**10100**		50.0	mg/kg	5	3100931	MS	10-Oct-23	8015B	
EXT DRO >C28-C36	**2130**		50.0	mg/kg	5	3100931	MS	10-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*140 %*	*48.2-134*		*3100931*	MS	*10-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*183 %*	*49.1-148*		*3100931*	MS	*10-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

SW - 53B 4-11'

H235491-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**5860**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*105 %*	*71.5-134*		*3100928*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
DRO >C10-C28*	**446**		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	**121**		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*84.7 %*	*48.2-134*		*3100931*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*99.2 %*	*49.1-148*		*3100931*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 3 5'

H235491-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1170**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<1.00		1.00	mg/kg	1000	3100928	JH	10-Oct-23	8021B	
Toluene*	**1.55**		1.00	mg/kg	1000	3100928	JH	10-Oct-23	8021B	GC-NC1
Ethylbenzene*	**2.16**		1.00	mg/kg	1000	3100928	JH	10-Oct-23	8021B	GC-NC1
Total Xylenes*	**34.0**		3.00	mg/kg	1000	3100928	JH	10-Oct-23	8021B	
Total BTEX	**37.8**		6.00	mg/kg	1000	3100928	JH	10-Oct-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*135 %*	*71.5-134*		*3100928*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-06**
GRO C6-C10*	**1090**		50.0	mg/kg	5	3100931	MS	10-Oct-23	8015B	
DRO >C10-C28*	**6290**		50.0	mg/kg	5	3100931	MS	10-Oct-23	8015B	
EXT DRO >C28-C36	**1210**		50.0	mg/kg	5	3100931	MS	10-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*163 %*	*48.2-134*		*3100931*	MS	*10-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*126 %*	*49.1-148*		*3100931*	MS	*10-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 3 6'

H235491-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**3280**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Toluene*	**0.067**		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	GC-NC1
Ethylbenzene*	**0.166**		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	GC-NC1
Total Xylenes*	**1.90**		0.150	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Total BTEX	**2.13**		0.300	mg/kg	50	3100928	JH	10-Oct-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*130 %*	*71.5-134*		*3100928*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**71.6**		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
DRO >C10-C28*	**935**		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	**172**		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*108 %*	*48.2-134*		*3100931*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*120 %*	*49.1-148*		*3100931*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD -4 10'

H235491-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**5920**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*104 %*	*71.5-134*		*3100928*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*90.4 %*	*48.2-134*		*3100931*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*99.0 %*	*49.1-148*		*3100931*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD -4 11'

H235491-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**928**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.0 %*	*71.5-134*		*3100928*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*90.1 %*	*48.2-134*		*3100931*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*101 %*	*49.1-148*		*3100931*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 1 0-6''

H235491-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.8 %*	*71.5-134*		*3100928*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*91.5 %*	*48.2-134*		*3100931*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*102 %*	*49.1-148*		*3100931*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 1 1-1.5'

H235491-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	<16.0		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*98.9 %*	*71.5-134*		*3100928*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*89.9 %*	*48.2-134*		*3100931*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*99.8 %*	*49.1-148*		*3100931*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 1 2-2.5'

H235491-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*99.6 %*	*71.5-134*		*3100928*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*86.7 %*	*48.2-134*		*3100931*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*95.8 %*	*49.1-148*		*3100931*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 1 3-3.5'

H235491-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*105 %*	*71.5-134*		*3100928*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*85.1 %*	*48.2-134*		*3100931*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*94.1 %*	*49.1-148*		*3100931*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 1 4-4.5'

H235491-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**32.0**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*101 %*	*71.5-134*		*3100928*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*76.6 %*	*48.2-134*		*3100931*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*83.9 %*	*49.1-148*		*3100931*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 2 0-6''

H235491-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**9330**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*100 %*	*71.5-134*		*3100928*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
DRO >C10-C28*	**18.2**		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*83.8 %*	*48.2-134*		*3100931*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*94.8 %*	*49.1-148*		*3100931*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 2 1-1.5'

H235491-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1060**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100928	JH	09-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*108 %*	*71.5-134*		*3100928*	JH	*09-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*91.9 %*	*48.2-134*		*3100931*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*101 %*	*49.1-148*		*3100931*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 2 2-2.5'

H235491-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1470**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100928	JH	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*106 %*	*71.5-134*		*3100928*	JH	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100931	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*84.6 %*	*48.2-134*		*3100931*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*92.2 %*	*49.1-148*		*3100931*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 2 3-3.5'

H235491-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1540**		16.0	mg/kg	4	3101021	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.1 %*	*71.5-134*		*3100929*	MS	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*98.7 %*	*48.2-134*		*3100932*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*123 %*	*49.1-148*		*3100932*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 2 4-4.5'

H235491-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1260**		16.0	mg/kg	4	3101019	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.8 %*	*71.5-134*		*3100929*	MS	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*96.1 %*	*48.2-134*		*3100932*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*120 %*	*49.1-148*		*3100932*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 2 5-5.5'

H235491-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2050**		16.0	mg/kg	4	3101019	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.4 %*	*71.5-134*		*3100929*	MS	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*95.9 %*	*48.2-134*		*3100932*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*120 %*	*49.1-148*		*3100932*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 2 6-6.5'

H235491-44 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**3080**		16.0	mg/kg	4	3101019	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.6 %*	*71.5-134*		*3100929*	MS	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*110 %*	*48.2-134*		*3100932*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*138 %*	*49.1-148*		*3100932*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 2 7-7.5'

H235491-45 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1440**		16.0	mg/kg	4	3101019	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.0 %*	*71.5-134*		*3100929*	MS	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*105 %*	*48.2-134*		*3100932*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*132 %*	*49.1-148*		*3100932*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 2 8-8.5'

H235491-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**400**		16.0	mg/kg	4	3101019	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.9 %*	*71.5-134*		*3100929*	MS	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-04**
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*135 %*	*48.2-134*		*3100932*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*165 %*	*49.1-148*		*3100932*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 3 7'

H235491-47 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1250**		16.0	mg/kg	4	3101019	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*97.0 %*	*71.5-134*		*3100929*	MS	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*99.3 %*	*48.2-134*		*3100932*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*124 %*	*49.1-148*		*3100932*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 3 8'

H235491-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2320**		16.0	mg/kg	4	3101019	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*97.9 %*	*71.5-134*		*3100929*	MS	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*99.0 %*	*48.2-134*		*3100932*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*124 %*	*49.1-148*		*3100932*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 3 9'

H235491-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**5760**		16.0	mg/kg	4	3101019	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.0 %*	*71.5-134*		*3100929*	MS	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*90.7 %*	*48.2-134*		*3100932*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*113 %*	*49.1-148*		*3100932*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 3 10'

H235491-50 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**6000**		16.0	mg/kg	4	3101019	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.7 %*	*71.5-134*		*3100929*	MS	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*87.2 %*	*48.2-134*		*3100932*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*108 %*	*49.1-148*		*3100932*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 3 11'

H235491-51 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**880**		16.0	mg/kg	4	3101019	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.7 %*	*71.5-134*		*3100929*	MS	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*86.5 %*	*48.2-134*		*3100932*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*108 %*	*49.1-148*		*3100932*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 4 5'

H235491-52 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**960**		16.0	mg/kg	4	3101019	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										**S-04**
Benzene*	<0.100		0.100	mg/kg	100	3100929	MS	10-Oct-23	8021B	
Toluene*	**1.25**		0.100	mg/kg	100	3100929	MS	10-Oct-23	8021B	GC-NC1
Ethylbenzene*	**1.57**		0.100	mg/kg	100	3100929	MS	10-Oct-23	8021B	GC-NC1
Total Xylenes*	**25.5**		0.300	mg/kg	100	3100929	MS	10-Oct-23	8021B	
Total BTEX	**28.4**		0.600	mg/kg	100	3100929	MS	10-Oct-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*306 %*	*71.5-134*		*3100929*	MS	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										**S-06**
GRO C6-C10*	**1130**		50.0	mg/kg	5	3100932	MS	10-Oct-23	8015B	
DRO >C10-C28*	**9560**		50.0	mg/kg	5	3100932	MS	10-Oct-23	8015B	
EXT DRO >C28-C36	**1960**		50.0	mg/kg	5	3100932	MS	10-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*205 %*	*48.2-134*		*3100932*	MS	*10-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*188 %*	*49.1-148*		*3100932*	MS	*10-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 4 6'

H235491-53 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1520**		16.0	mg/kg	4	3101019	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Ethylbenzene*	**0.117**		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	GC-NC1
Total Xylenes*	**1.35**		0.150	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total BTEX	**1.47**		0.300	mg/kg	50	3100929	MS	10-Oct-23	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID)			*134 %*	*71.5-134*		*3100929*	MS	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	**123**		10.0	mg/kg	1	3100932	MS	10-Oct-23	8015B	
DRO >C10-C28*	**1520**		10.0	mg/kg	1	3100932	MS	10-Oct-23	8015B	
EXT DRO >C28-C36	**306**		10.0	mg/kg	1	3100932	MS	10-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*116 %*	*48.2-134*		*3100932*	MS	*10-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*110 %*	*49.1-148*		*3100932*	MS	*10-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 4 7'

H235491-54 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**1100**		16.0	mg/kg	4	3101019	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*96.9 %*	*71.5-134*		*3100929*	MS	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*103 %*	*48.2-134*		*3100932*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*128 %*	*49.1-148*		*3100932*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 4 8'

H235491-55 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**2000**		16.0	mg/kg	4	3101019	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*95.4 %*	*71.5-134*		*3100929*	MS	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*104 %*	*48.2-134*		*3100932*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*129 %*	*49.1-148*		*3100932*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

VD - 4 9'

H235491-56 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	**5920**		16.0	mg/kg	4	3101019	AC	10-Oct-23	4500-Cl-B	
Volatile Organic Compounds by EPA Method 8021										
Benzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3100929	MS	10-Oct-23	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			*97.2 %*	*71.5-134*		*3100929*	MS	*10-Oct-23*	*8021B*	
Petroleum Hydrocarbons by GC FID										
GRO C6-C10*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3100932	MS	09-Oct-23	8015B	
Surrogate: 1-Chlorooctane			*108 %*	*48.2-134*		*3100932*	MS	*09-Oct-23*	*8015B*	
Surrogate: 1-Chlorooctadecane			*136 %*	*49.1-148*		*3100932*	MS	*09-Oct-23*	*8015B*	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3101018 - 1:4 DI Water										
Blank (3101018-BLK1)				Prepared & Analyzed: 10-Oct-23						
Chloride	ND	16.0	mg/kg							
LCS (3101018-BS1)				Prepared & Analyzed: 10-Oct-23						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3101018-BSD1)				Prepared & Analyzed: 10-Oct-23						
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	
Batch 3101019 - 1:4 DI Water										
Blank (3101019-BLK1)				Prepared & Analyzed: 10-Oct-23						
Chloride	ND	16.0	mg/kg							
LCS (3101019-BS1)				Prepared & Analyzed: 10-Oct-23						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3101019-BSD1)				Prepared & Analyzed: 10-Oct-23						
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	
Batch 3101020 - 1:4 DI Water										
Blank (3101020-BLK1)				Prepared & Analyzed: 10-Oct-23						
Chloride	ND	16.0	mg/kg							
LCS (3101020-BS1)				Prepared & Analyzed: 10-Oct-23						
Chloride	432	16.0	mg/kg	400		108	80-120			

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3101020 - 1:4 DI Water										
LCS Dup (3101020-BSD1)				Prepared & Analyzed: 10-Oct-23						
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 3101021 - 1:4 DI Water										
Blank (3101021-BLK1)				Prepared & Analyzed: 10-Oct-23						
Chloride	ND	16.0	mg/kg							
LCS (3101021-BS1)				Prepared & Analyzed: 10-Oct-23						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (3101021-BSD1)				Prepared & Analyzed: 10-Oct-23						
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3100927 - Volatiles										
Blank (3100927-BLK1)				Prepared & Analyzed: 09-Oct-23						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*98.8*	*71.5-134*			
LCS (3100927-BS1)				Prepared & Analyzed: 09-Oct-23						
Benzene	2.04	0.050	mg/kg	2.00		102	82.8-130			
Toluene	2.00	0.050	mg/kg	2.00		100	86-128			
Ethylbenzene	2.09	0.050	mg/kg	2.00		105	85.9-128			
m,p-Xylene	4.10	0.100	mg/kg	4.00		102	89-129			
o-Xylene	2.08	0.050	mg/kg	2.00		104	86.1-125			
Total Xylenes	6.17	0.150	mg/kg	6.00		103	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0494*		mg/kg	*0.0500*		*98.9*	*71.5-134*			
LCS Dup (3100927-BSD1)				Prepared & Analyzed: 09-Oct-23						
Benzene	2.05	0.050	mg/kg	2.00		102	82.8-130	0.611	15.8	
Toluene	2.06	0.050	mg/kg	2.00		103	86-128	2.78	15.9	
Ethylbenzene	2.16	0.050	mg/kg	2.00		108	85.9-128	3.35	16	
m,p-Xylene	4.26	0.100	mg/kg	4.00		107	89-129	4.00	16.2	
o-Xylene	2.16	0.050	mg/kg	2.00		108	86.1-125	3.74	16.7	
Total Xylenes	6.42	0.150	mg/kg	6.00		107	88.2-128	3.91	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0501*		mg/kg	*0.0500*		*100*	*71.5-134*			
Batch 3100928 - Volatiles										
Blank (3100928-BLK1)				Prepared & Analyzed: 09-Oct-23						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3100928 - Volatiles										
Blank (3100928-BLK1)				Prepared & Analyzed: 09-Oct-23						
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*97.2*	*71.5-134*			
LCS (3100928-BS1)				Prepared & Analyzed: 09-Oct-23						
Benzene	2.07	0.050	mg/kg	2.00		103	82.8-130			
Toluene	1.89	0.050	mg/kg	2.00		94.5	86-128			
Ethylbenzene	1.94	0.050	mg/kg	2.00		96.9	85.9-128			
m,p-Xylene	3.85	0.100	mg/kg	4.00		96.3	89-129			
o-Xylene	1.93	0.050	mg/kg	2.00		96.7	86.1-125			
Total Xylenes	5.79	0.150	mg/kg	6.00		96.5	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0482*		mg/kg	*0.0500*		*96.4*	*71.5-134*			
LCS Dup (3100928-BSD1)				Prepared & Analyzed: 09-Oct-23						
Benzene	2.03	0.050	mg/kg	2.00		101	82.8-130	1.96	15.8	
Toluene	1.87	0.050	mg/kg	2.00		93.6	86-128	0.979	15.9	
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.7	85.9-128	1.31	16	
m,p-Xylene	3.81	0.100	mg/kg	4.00		95.3	89-129	1.07	16.2	
o-Xylene	1.90	0.050	mg/kg	2.00		94.9	86.1-125	1.91	16.7	
Total Xylenes	5.71	0.150	mg/kg	6.00		95.2	88.2-128	1.35	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0476*		mg/kg	*0.0500*		*95.2*	*71.5-134*			
Batch 3100929 - Volatiles										
Blank (3100929-BLK1)				Prepared: 09-Oct-23 Analyzed: 10-Oct-23						
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	*ND*		mg/kg	*0.0500*		*94.7*	*71.5-134*			

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3100929 - Volatiles										
LCS (3100929-BS1)				Prepared: 09-Oct-23 Analyzed: 10-Oct-23						
Benzene	2.08	0.050	mg/kg	2.00		104	82.8-130			
Toluene	2.08	0.050	mg/kg	2.00		104	86-128			
Ethylbenzene	2.01	0.050	mg/kg	2.00		100	85.9-128			
m,p-Xylene	4.13	0.100	mg/kg	4.00		103	89-129			
o-Xylene	1.92	0.050	mg/kg	2.00		96.1	86.1-125			
Total Xylenes	6.05	0.150	mg/kg	6.00		101	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	*0.0461*		mg/kg	*0.0500*		*92.1*	*71.5-134*			
LCS Dup (3100929-BSD1)				Prepared: 09-Oct-23 Analyzed: 10-Oct-23						
Benzene	1.98	0.050	mg/kg	2.00		99.0	82.8-130	5.02	15.8	
Toluene	2.00	0.050	mg/kg	2.00		100	86-128	3.92	15.9	
Ethylbenzene	1.90	0.050	mg/kg	2.00		95.2	85.9-128	5.36	16	
m,p-Xylene	3.87	0.100	mg/kg	4.00		96.7	89-129	6.46	16.2	
o-Xylene	1.79	0.050	mg/kg	2.00		89.6	86.1-125	6.97	16.7	
Total Xylenes	5.66	0.150	mg/kg	6.00		94.3	88.2-128	6.62	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	*0.0459*		mg/kg	*0.0500*		*91.8*	*71.5-134*			

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3100930 - General Prep - Organics										
Blank (3100930-BLK1)				Prepared & Analyzed: 09-Oct-23						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*52.6*		mg/kg	*50.0*		*105*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*62.7*		mg/kg	*50.0*		*125*	*49.1-148*			
LCS (3100930-BS1)				Prepared & Analyzed: 09-Oct-23						
GRO C6-C10	222	10.0	mg/kg	200		111	66.4-123			
DRO >C10-C28	234	10.0	mg/kg	200		117	66.5-118			
Total TPH C6-C28	457	10.0	mg/kg	400		114	77.6-123			
Surrogate: 1-Chlorooctane	*56.9*		mg/kg	*50.0*		*114*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*64.8*		mg/kg	*50.0*		*130*	*49.1-148*			
LCS Dup (3100930-BSD1)				Prepared & Analyzed: 09-Oct-23						
GRO C6-C10	210	10.0	mg/kg	200		105	66.4-123	5.52	17.7	
DRO >C10-C28	211	10.0	mg/kg	200		106	66.5-118	10.3	21	
Total TPH C6-C28	422	10.0	mg/kg	400		105	77.6-123	7.96	18.5	
Surrogate: 1-Chlorooctane	*56.5*		mg/kg	*50.0*		*113*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*72.5*		mg/kg	*50.0*		*145*	*49.1-148*			
Batch 3100931 - General Prep - Organics										
Blank (3100931-BLK1)				Prepared & Analyzed: 09-Oct-23						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*41.6*		mg/kg	*50.0*		*83.1*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*45.9*		mg/kg	*50.0*		*91.8*	*49.1-148*			

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3100931 - General Prep - Organics										
LCS (3100931-BS1)				Prepared & Analyzed: 09-Oct-23						
GRO C6-C10	202	10.0	mg/kg	200		101	66.4-123			
DRO >C10-C28	214	10.0	mg/kg	200		107	66.5-118			
Total TPH C6-C28	416	10.0	mg/kg	400		104	77.6-123			
Surrogate: 1-Chlorooctane	*44.4*		mg/kg	*50.0*		*88.8*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*47.4*		mg/kg	*50.0*		*94.7*	*49.1-148*			
LCS Dup (3100931-BSD1)				Prepared & Analyzed: 09-Oct-23						
GRO C6-C10	190	10.0	mg/kg	200		94.9	66.4-123	6.24	17.7	
DRO >C10-C28	195	10.0	mg/kg	200		97.7	66.5-118	8.97	21	
Total TPH C6-C28	385	10.0	mg/kg	400		96.3	77.6-123	7.63	18.5	
Surrogate: 1-Chlorooctane	*44.0*		mg/kg	*50.0*		*88.0*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*45.9*		mg/kg	*50.0*		*91.8*	*49.1-148*			
Batch 3100932 - General Prep - Organics										
Blank (3100932-BLK1)				Prepared & Analyzed: 09-Oct-23						
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	*45.5*		mg/kg	*50.0*		*91.0*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*55.2*		mg/kg	*50.0*		*110*	*49.1-148*			
LCS (3100932-BS1)				Prepared: 09-Oct-23 Analyzed: 10-Oct-23						
GRO C6-C10	202	10.0	mg/kg	200		101	66.4-123			
DRO >C10-C28	223	10.0	mg/kg	200		111	66.5-118			
Total TPH C6-C28	425	10.0	mg/kg	400		106	77.6-123			
Surrogate: 1-Chlorooctane	*49.6*		mg/kg	*50.0*		*99.3*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*65.0*		mg/kg	*50.0*		*130*	*49.1-148*			

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: DIAMONDBACK 24-25 CTB Project Number: 226700 Project Manager: BECKY HASKELL Fax To:	Reported: 04-Mar-24 16:35

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 3100932 - General Prep - Organics										
LCS Dup (3100932-BSD1)				Prepared: 09-Oct-23 Analyzed: 10-Oct-23						
GRO C6-C10	200	10.0	mg/kg	200		100	66.4-123	0.777	17.7	
DRO >C10-C28	222	10.0	mg/kg	200		111	66.5-118	0.130	21	
Total TPH C6-C28	423	10.0	mg/kg	400		106	77.6-123	0.437	18.5	
Surrogate: 1-Chlorooctane	*47.4*		mg/kg	*50.0*		*94.9*	*48.2-134*			
Surrogate: 1-Chlorooctadecane	*53.9*		mg/kg	*50.0*		*108*	*49.1-148*			

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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CARDINAL Laboratories
101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	UTGE	**BILL TO** P.O. #:	
Project Manager:	Becky Haskell	Company:	Earthstone
Address:	701 Tradewinds Blvd	Attn:	Chris Morton
City:	Midland	State: TX Zip:	79701
Phone #:	432-766-1918	Fax #:	
Project #:	226700	Project Owner:	Earthstone
Project Name:	Diamond Buck 24-25 CTB		
Project Location:	Eddy Co, NM		
Sampler Name:	Kenny Hunt		

FOR LAB USE ONLY Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME	BTEX	TPH	Chloride
H235491	*																	
1	SW-10 B	4-12.5'	C	1			X					✓		10/9/23	10:00	✓	✓	✓
2	SW-11 B														10:02			
3	SW-12 B														10:04			
4	SW-13 B														10:06			
5	SW-14 B														10:08			
6	SW-15 B														10:10			
7	SW-10 A	0-4'													10:12			
8	SW-11 A														10:14			
9	SW-12 A														10:16			
10	SW-13 A														10:18			

ANALYSIS REQUEST: BTEX, TPH, Chloride

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Relinquished By:	Date: 10/9/23 Time: 1440	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address:

REMARKS: * Customer requested ID changes †c. 10/11/23

Delivered By: (Circle One) Sampler - UPS - Bus - Other:

Observed Temp. °C 5.0 Corrected Temp. °C

Sample Condition: Cool ✓ Yes ☐ No; Intact ✓ Yes ☐ No

CHECKED BY: (Initials) T.O

Turnaround Time: Standard ☐ Rush ☑ †c. 10/9/23 24hr

Thermometer ID #140 (~~#113~~) Correction Factor ~~-0.6°C~~

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ Nc; Intact ☐ Yes ☐ No

Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.3 07/18/22

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	UTGE	**BILL TO** P.O. #:	
Project Manager:	Becky Haskell	Company:	Earthstone
Address:	701 Tradewinds Blvd	Attn:	Chris Morton
City:	Midland	State: TX Zip:	79701
Phone #:	432-766-1918	Fax #:	Address:
Project #:	226700	Project Owner: Earthstone	City:
Project Name:	Diamond Buck 24-25 CTB	State:	Zip:
Project Location:	Eddy Co, NM	Phone #:	
Sampler Name:	Kenny Hunt	Fax #:	

ANALYSIS REQUEST: BTEX, TPH, Chloride

FOR LAB USE ONLY Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV.: ACID/BASE	ICE / COOL	OTHER:	SAMPLING: DATE	TIME
H235491	KH 10/9/23 *											✓			
11	SW-~~8~~14 A	0-4'	C	1			X							10/9/23	10:20
12	SW-15 A	↓													10:22
13	SW-42A	4-11													10:24
14	SW-48A	8-11													10:26
15	SW-49A	↓													10:28
16	SW-57	0-3'													10:30
17	SW-58	0-4'													10:32
18	SW-59	0-4'													10:34
19	SW-60	0-~~2.5~~3'													10:36
** 20	SW-61	0-~~2.5~~3'													10:38

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Relinquished By:	Date: 10/9/23 Time: 1440	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address:

REMARKS: * Customer requested ID changes. TO. 10/11/23

Delivered By: (Circle One) Sampler - UPS - Bus - Other:

Observed Temp. °C 5.0 Corrected Temp. °C

Sample Condition: Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No

CHECKED BY: (Initials) TO.

Turnaround Time: Standard ☐ Rush ☑ 10/9/23 24hr TO.

Thermometer ID ~~#113~~ #140 Correction Factor ~~0.8°C~~

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No

Observed Temp. °C ** Corrected Temp. °C

TO. 3/1/24

FORM-006 R 3.3 07/18/22

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CARDINAL Laboratories
101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	NTGE	**BILL TO** P.O. #:	
Project Manager:	Becky Haskell	Company:	Earthstone
Address:	701 Tradewinds Blvd	Attn:	Chris Morton
City:	Midland	State: TX Zip:	79701
Phone #:	432-766-1918	Fax #:	Address:
Project #:	226700	Project Owner:	Earthstone
Project Name:	Diamond Buck 24-25 CTB	City:	
Project Location:	Eddy Co, NM	State: Zip:	
Sampler Name:	Kenny Hun	Phone #:	
		Fax #:	

ANALYSIS REQUEST

FOR LAB USE ONLY Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	BTEX	TPH	Chlorides
H235491	*																	
21	SW-50 A	0-4'	C	1			X							10/9/23	10:40			
22	SW-50 B	4-11'													10:42			
23	SW-51 A	0-4'													10:44			
24	SW-51 B	4-11'													10:46			
25	SW-52 A	0-4'													10:48			
26	SW-52 B	4-11'													10:50			
27	SW-53 A	0-4'													10:52			
28	SW-53 B	4-11'													10:54			
* 29	~~CS-116~~ VD-3	5'	G												10:56			
30	~~"~~ VD-3	6'	G												10:58			

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Relinquished By:	Date: 10/9/23 Time: 1440	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 5.0 Corrected Temp. °C	Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	CHECKED BY: (Initials)

REMARKS: * Customer requested ID changes. TO - 10/10/23 10/11/23

Turnaround Time: Standard ☐ Rush ☑ 24hr 10/9/23
Thermometer ID #140 ~~#113~~
Correction Factor ~~-0.5°C~~

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ Nc Intact ☐ Yes ☐ No
Observed Temp. °C
Corrected Temp. °C

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

		BILL TO	
Company Name:	XTO E	P.O. #:	
Project Manager:	Becky Haskell	Company:	Earthstone
Address:	701 Tradewinds Blvd	Attn:	Chris Morton
City:	Midland	State: TX Zip:	79701
Phone #:	432-766-1918	Fax #:	
Project #:	226700	Project Owner:	Earthstone
Project Name:	Diamond Buck 24-25 CTB		
Project Location:	Eddy Co, NM		
Sampler Name:	Kenny Hunt		

FOR LAB USE ONLY					MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST		
Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE	ICE / COOL	OTHER :	DATE	TIME	BTEX	TPH	Chloride
H235491																		
* 31	~~CS-117~~ VD-4	10'	G	1			X					✓		10/9/23	11:20			
32	~~CS-117~~ VD-4	11'													11:22			
33	VD-1	0-6"													11:24			
34		1-1.5'													11:26			
35		2-2.5'													11:28			
36		3-3.5'													11:30			
37		4-4.5'													11:32			
38	VD-2	0-6"													11:34			
39		1-1.5'													11:36			
40		2-2.5'													11:38			

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Relinquished By:	Date: 10/9/23 Time: 1440	Received By:	Verbal Result: ☐ Yes ☐ No	Add'l Phone #:	
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address:		
Delivered By: (Circle One)	Observed Temp. °C 5.0	Sample Condition	CHECKED BY:	Turnaround Time:	Standard ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C	Cool ☑ Yes ☐ No / Intact ☑ Yes ☐ No	(Initials)	Thermometer ID #140 / Correction Factor ~~-0.5~~ °C	Rush ☑ 10/9/23 24hr

REMARKS: * Customer requested ID changes to 10/10/23

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No / Intact ☐ Yes ☐ No / Observed Temp. °C / Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

Company Name:	XTO Energy	**BILL TO** P.O. #:	
Project Manager:	Becky Haskell	Company:	Earthstone
Address:	701 Trade Commons Blvd	Attn:	Chris Morris
City:	Midland	State: TX Zip:	79701
Phone #:	432-766-1918	Fax #:	
Project #:	226700	Project Owner:	Earthstone
Project Name:	Diamond Buck 24-25 CTB	Address:	
Project Location:	Eddy Co, NM	City:	
Sampler Name:	Kenny Hunt	State: Zip:	
		Phone #:	
		Fax #:	

FOR LAB USE ONLY Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE	ICE / COOL	OTHER	SAMPLING: DATE	TIME	ANALYSIS REQUEST: BTEX	TPH	Chloride
H235491																		
41	VD-2	3-3.5'	G	1			X							10/9/23	11:40			
42		4-4.5'													11:42			
43		5-5.5'													11:44			
44		6-6.5'													11:46			
45		7-7.5'													11:48			
46		8-8.5'													11:50			

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Relinquished By:	Date: 10/9/23 Time: 1440	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #: All Results are emailed. Please provide Email address:
Relinquished By:	Date: Time:	Received By:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 5.0 Corrected Temp. °C	Sample Condition Cool: Yes / No Intact: Yes / No	CHECKED BY: (Initials)
Turnaround Time: Standard ☐ Rush ☑ #140 10/9/23 24hr	Thermometer ID #113 Correction Factor 0.8°C	Bacteria (only) Sample Condition Cool: Yes / No Intact: Yes / No	Observed Temp. °C Corrected Temp. °C

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

		BILL TO	
Company Name:	UTGE	P.O. #:	
Project Manager:	Becky Haskell	Company:	Earthstone
Address:	701 Tradewinds Blvd	Attn:	Chris Morton
City:	Midland	State: TX Zip:	79701
Phone #:	432-766-1918	Fax #:	
Project #:	226700	Project Owner:	Earthstone
Project Name:	Diamond Buck 24-25 CTB	City:	
Project Location:	Eddy Co, NM	State: Zip:	
Sampler Name:	Kenny Hunt	Phone #:	
		Fax #:	

ANALYSIS REQUEST: BTEX; TPH; Chloride

FOR LAB USE ONLY Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	PRESERV: ACID/BASE	ICE / COOL	OTHER:	SAMPLING: DATE	TIME
H235491														
47	~~C5 H6~~ VD-3 7	G	1			X							10/9/23	11:00
48	VD-3 8													11:02
49	VD-3 9													11:04
* 50	VD-3 10													11:06
51	VD-3 11													11:08
52	~~C5 H7~~ VD-4 5													11:10
53	VD-4 6													11:12
54	VD-4 7													11:14
55	VD-4 8													11:16
56	VD-4 9													11:18

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Relinquished By:	Date: 10/9/23 Time: 1440	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 5.0 Corrected Temp. °C	Sample Condition Cool ☑ Yes ☐ No Intact ☑ Yes ☐ No	CHECKED BY: (Initials) TO

REMARKS: * Customer requested ID changes. TO. 10/10/23

Turnaround Time: Standard ☐ Rush ☑ TO. 10/9/23 24hr

Thermometer ID #140 ~~#113~~ Correction Factor ~~0.0~~°C

Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

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CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 18, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: DIAMONDBACK 24-25 CTB

Enclosed are the results of analyses for samples received by the laboratory on 12/13/23 13:49.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	12/13/2023	Sampling Date:	12/13/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - EDDY COUNTY, NM		

Sample ID: VD - 5 0 - 6'' (H236658-01)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2023	ND	2.00	100	2.00	13.2	
Toluene*	<0.050	0.050	12/13/2023	ND	1.96	98.0	2.00	14.4	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	1.94	97.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.25	104	6.00	12.5	
Total BTEX	<0.300	0.300	12/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**8260**	16.0	12/14/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2023	ND	186	93.1	200	1.22	
DRO >C10-C28*	<10.0	10.0	12/14/2023	ND	186	93.2	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	12/14/2023	ND					

Surrogate: 1-Chlorooctane *92.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *105 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	12/13/2023	Sampling Date:	12/13/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - EDDY COUNTY, NM		

Sample ID: VD - 5 1 - 1.5' (H236658-02)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2023	ND	2.00	100	2.00	13.2	
Toluene*	<0.050	0.050	12/13/2023	ND	1.96	98.0	2.00	14.4	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	1.94	97.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.25	104	6.00	12.5	
Total BTEX	<0.300	0.300	12/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1720**	16.0	12/14/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2023	ND	186	93.1	200	1.22	
DRO >C10-C28*	<10.0	10.0	12/14/2023	ND	186	93.2	200	3.33	
EXT DRO >C28-C36	<10.0	10.0	12/14/2023	ND					

Surrogate: 1-Chlorooctane *86.9 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	12/13/2023	Sampling Date:	12/13/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - EDDY COUNTY, NM		

Sample ID: VD - 5 2 - 2.5' (H236658-03)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/13/2023	ND	2.00	100	2.00	13.2	
Toluene*	<0.050	0.050	12/13/2023	ND	1.96	98.0	2.00	14.4	
Ethylbenzene*	<0.050	0.050	12/13/2023	ND	1.94	97.1	2.00	14.5	
Total Xylenes*	<0.150	0.150	12/13/2023	ND	6.25	104	6.00	12.5	
Total BTEX	<0.300	0.300	12/13/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**432**	16.0	12/14/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2023	ND	208	104	200	1.53	
DRO >C10-C28*	<10.0	10.0	12/14/2023	ND	213	106	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	12/14/2023	ND					

Surrogate: 1-Chlorooctane *82.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	12/13/2023	Sampling Date:	12/13/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - EDDY COUNTY, NM		

Sample ID: VD - 5 3 - 3.5' (H236658-04)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2023	ND	1.74	87.2	2.00	13.7	
Toluene*	<0.050	0.050	12/14/2023	ND	1.81	90.7	2.00	14.8	
Ethylbenzene*	<0.050	0.050	12/14/2023	ND	1.82	90.8	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/14/2023	ND	5.50	91.7	6.00	14.2	
Total BTEX	<0.300	0.300	12/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**384**	16.0	12/14/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2023	ND	208	104	200	1.53	
DRO >C10-C28*	<10.0	10.0	12/14/2023	ND	213	106	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	12/14/2023	ND					

Surrogate: 1-Chlorooctane *78.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.5 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	12/13/2023	Sampling Date:	12/13/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - EDDY COUNTY, NM		

Sample ID: VD - 5 4 - 4.5' (H236658-05)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2023	ND	1.74	87.2	2.00	13.7	
Toluene*	<0.050	0.050	12/14/2023	ND	1.81	90.7	2.00	14.8	
Ethylbenzene*	<0.050	0.050	12/14/2023	ND	1.82	90.8	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/14/2023	ND	5.50	91.7	6.00	14.2	
Total BTEX	<0.300	0.300	12/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *117 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**272**	16.0	12/14/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2023	ND	208	104	200	1.53	
DRO >C10-C28*	<10.0	10.0	12/14/2023	ND	213	106	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	12/14/2023	ND					

Surrogate: 1-Chlorooctane *82.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	12/13/2023	Sampling Date:	12/13/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - EDDY COUNTY, NM		

Sample ID: VD - 6 0 - 6'' (H236658-06)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2023	ND	1.74	87.2	2.00	13.7	
Toluene*	<0.050	0.050	12/14/2023	ND	1.81	90.7	2.00	14.8	
Ethylbenzene*	<0.050	0.050	12/14/2023	ND	1.82	90.8	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/14/2023	ND	5.50	91.7	6.00	14.2	
Total BTEX	<0.300	0.300	12/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**6400**	16.0	12/14/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2023	ND	208	104	200	1.53	
DRO >C10-C28*	<10.0	10.0	12/14/2023	ND	213	106	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	12/14/2023	ND					

Surrogate: 1-Chlorooctane *73.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.5 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	12/13/2023	Sampling Date:	12/13/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - EDDY COUNTY, NM		

Sample ID: VD - 6 1 - 1.5' (H236658-07)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2023	ND	1.74	87.2	2.00	13.7	
Toluene*	<0.050	0.050	12/14/2023	ND	1.81	90.7	2.00	14.8	
Ethylbenzene*	<0.050	0.050	12/14/2023	ND	1.82	90.8	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/14/2023	ND	5.50	91.7	6.00	14.2	
Total BTEX	<0.300	0.300	12/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**1710**	16.0	12/14/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2023	ND	208	104	200	1.53	
DRO >C10-C28*	<10.0	10.0	12/14/2023	ND	213	106	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	12/14/2023	ND					

Surrogate: 1-Chlorooctane *82.4 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.6 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	12/13/2023	Sampling Date:	12/13/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - EDDY COUNTY, NM		

Sample ID: VD - 6 2 - 2.5' (H236658-08)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2023	ND	1.74	87.2	2.00	13.7	
Toluene*	<0.050	0.050	12/14/2023	ND	1.81	90.7	2.00	14.8	
Ethylbenzene*	<0.050	0.050	12/14/2023	ND	1.82	90.8	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/14/2023	ND	5.50	91.7	6.00	14.2	
Total BTEX	<0.300	0.300	12/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**288**	16.0	12/14/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2023	ND	208	104	200	1.53	
DRO >C10-C28*	<10.0	10.0	12/14/2023	ND	213	106	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	12/14/2023	ND					

Surrogate: 1-Chlorooctane *78.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.0 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	12/13/2023	Sampling Date:	12/13/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - EDDY COUNTY, NM		

Sample ID: VD - 6 3 - 3.5' (H236658-09)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2023	ND	1.74	87.2	2.00	13.7	
Toluene*	<0.050	0.050	12/14/2023	ND	1.81	90.7	2.00	14.8	
Ethylbenzene*	<0.050	0.050	12/14/2023	ND	1.82	90.8	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/14/2023	ND	5.50	91.7	6.00	14.2	
Total BTEX	<0.300	0.300	12/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**368**	16.0	12/14/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2023	ND	208	104	200	1.53	
DRO >C10-C28*	<10.0	10.0	12/14/2023	ND	213	106	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	12/14/2023	ND					

Surrogate: 1-Chlorooctane *80.5 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *83.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	12/13/2023	Sampling Date:	12/13/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - EDDY COUNTY, NM		

Sample ID: VD - 6 4 - 4.5' (H236658-10)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2023	ND	1.74	87.2	2.00	13.7	
Toluene*	<0.050	0.050	12/14/2023	ND	1.81	90.7	2.00	14.8	
Ethylbenzene*	<0.050	0.050	12/14/2023	ND	1.82	90.8	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/14/2023	ND	5.50	91.7	6.00	14.2	
Total BTEX	<0.300	0.300	12/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *115 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**160**	16.0	12/14/2023	ND	416	104	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2023	ND	208	104	200	1.53	
DRO >C10-C28*	<10.0	10.0	12/14/2023	ND	213	106	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	12/14/2023	ND					

Surrogate: 1-Chlorooctane *81.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.1 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

		BILL TO	
Company Name:	MTGE	P.O. #:	
Project Manager:	Becky Haskell	Company:	
Address:	701 Tradewinds Blvd	Attn:	
City:	Midland State: TX Zip: 79701	Address:	
Phone #:	432-766-1918 Fax #:	City:	
Project #:	226700 Project Owner:	State: Zip:	
Project Name:	Diamond Back 24-25 CTB	Phone #:	
Project Location:	Eddy Co, NM	Fax #:	
Sampler Name:	Kenny Han		

FOR LAB USE ONLY					MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST		
Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEX	TPH	Chloride
H23066 88																		
1	VP-5	0-6"	G	1			X							12/13/23	10:40			
2		1-1.5'													10:50			
3		2-2.5'													10:55			
4		3-3.5'													10:57			
5		4-4.5'													10:58			
6	VP-6	0-6"													10:12			
7		1-1.5'													11:20			
8		2-2.5'													11:23			
9		3-3.5'													11:24			
10		4-4.5													11:25			

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Relinquished By:	Date: 12/13/23 Time: 13:48	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address:
			REMARKS: Separate from other COC
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.6°C Corrected Temp. °C	Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No	CHECKED BY: (Initials)
			Turnaround Time: Standard ☑ Rush ☐ Thermometer ID #140 Correction Factor 0°C
			Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.4 07/11/23

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

December 18, 2023

BECKY HASKELL

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: DIAMONDBACK 24-25 CTB

Enclosed are the results of analyses for samples received by the laboratory on 12/13/23 13:49.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	12/13/2023	Sampling Date:	12/13/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - EDDY COUNTY, NM		

Sample ID: SW - 56 0-11' (H236659-01)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2023	ND	1.74	87.2	2.00	13.7	
Toluene*	<0.050	0.050	12/14/2023	ND	1.81	90.7	2.00	14.8	
Ethylbenzene*	<0.050	0.050	12/14/2023	ND	1.82	90.8	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/14/2023	ND	5.50	91.7	6.00	14.2	
Total BTEX	<0.300	0.300	12/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *114 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**10000**	16.0	12/14/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2023	ND	208	104	200	1.53	
DRO >C10-C28*	**264**	10.0	12/14/2023	ND	213	106	200	2.86	
EXT DRO >C28-C36	**56.6**	10.0	12/14/2023	ND					

Surrogate: 1-Chlorooctane *78.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *95.3 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	12/13/2023	Sampling Date:	12/13/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - EDDY COUNTY, NM		

Sample ID: SW - 62 0-2' (H236659-02)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2023	ND	1.74	87.2	2.00	13.7	
Toluene*	<0.050	0.050	12/14/2023	ND	1.81	90.7	2.00	14.8	
Ethylbenzene*	<0.050	0.050	12/14/2023	ND	1.82	90.8	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/14/2023	ND	5.50	91.7	6.00	14.2	
Total BTEX	<0.300	0.300	12/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	12/14/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2023	ND	208	104	200	1.53	
DRO >C10-C28*	<10.0	10.0	12/14/2023	ND	213	106	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	12/14/2023	ND					

Surrogate: 1-Chlorooctane *81.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *86.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	12/13/2023	Sampling Date:	12/13/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - EDDY COUNTY, NM		

Sample ID: SW - 63 0-1.5' (H236659-03)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2023	ND	1.74	87.2	2.00	13.7	
Toluene*	<0.050	0.050	12/14/2023	ND	1.81	90.7	2.00	14.8	
Ethylbenzene*	<0.050	0.050	12/14/2023	ND	1.82	90.8	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/14/2023	ND	5.50	91.7	6.00	14.2	
Total BTEX	<0.300	0.300	12/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *116 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	12/14/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2023	ND	208	104	200	1.53	
DRO >C10-C28*	<10.0	10.0	12/14/2023	ND	213	106	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	12/14/2023	ND					

Surrogate: 1-Chlorooctane *83.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *89.9 %* *49.1-148*

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	12/13/2023	Sampling Date:	12/13/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - EDDY COUNTY, NM		

Sample ID: CS - 127 11' (H236659-04)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2023	ND	1.74	87.2	2.00	13.7	
Toluene*	<0.050	0.050	12/14/2023	ND	1.81	90.7	2.00	14.8	
Ethylbenzene*	<0.050	0.050	12/14/2023	ND	1.82	90.8	2.00	14.7	
Total Xylenes*	<0.150	0.150	12/14/2023	ND	5.50	91.7	6.00	14.2	
Total BTEX	<0.300	0.300	12/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *118 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**224**	16.0	12/14/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2023	ND	208	104	200	1.53	
DRO >C10-C28*	<10.0	10.0	12/14/2023	ND	213	106	200	2.86	
EXT DRO >C28-C36	<10.0	10.0	12/14/2023	ND					

Surrogate: 1-Chlorooctane *81.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *87.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
BECKY HASKELL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received:	12/13/2023	Sampling Date:	12/13/2023
Reported:	12/18/2023	Sampling Type:	Soil
Project Name:	DIAMONDBACK 24-25 CTB	Sampling Condition:	Cool & Intact
Project Number:	226700	Sample Received By:	Dionica Hinojos
Project Location:	EARTHSTONE - EDDY COUNTY, NM		

Sample ID: CS - 128 1.5' (H236659-05)

BTEX 8021B mg/kg Analyzed By: JH/

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/14/2023	ND	2.21	111	2.00	0.605	
Toluene*	<0.050	0.050	12/14/2023	ND	2.18	109	2.00	0.231	
Ethylbenzene*	<0.050	0.050	12/14/2023	ND	2.16	108	2.00	0.156	
Total Xylenes*	<0.150	0.150	12/14/2023	ND	6.79	113	6.00	0.678	
Total BTEX	<0.300	0.300	12/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *71.5-134*

Chloride, SM4500Cl-B mg/kg Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**16.0**	16.0	12/14/2023	ND	432	108	400	0.00	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/14/2023	ND	166	83.1	200	10.9	
DRO >C10-C28*	<10.0	10.0	12/14/2023	ND	157	78.6	200	12.3	
EXT DRO >C28-C36	<10.0	10.0	12/14/2023	ND					

Surrogate: 1-Chlorooctane *86.0 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *88.3 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager

Page 904 of 917

CARDINAL Laboratories

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

		BILL TO	
Company Name:	XTO	P.O. #:	
Project Manager:	Becky Haskell	Company:	
Address:	701 Trade Winds Blvd	Attn:	
City:	Midland	State: TX Zip: 79701	Address:
Phone #:	432-766-1918	Fax #:	City:
Project #:	226700	Project Owner:	State: Zip:
Project Name:	Diamondback 24-25 CTB		Phone #:
Project Location:			Fax #:
Sampler Name:			

ANALYSIS REQUEST: BTEX, TPH, Chloride

FOR LAB USE ONLY Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX: GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	PRESERV.: ACID/BASE:	ICE / COOL	OTHER :	SAMPLING: DATE	TIME
H23046578															
1	SW-56	0-11'	C	1			X							12/13/23	10:00
2	SW-62	0-2'													10:05
3	SW-63	0-1.5'													10:10
4	CS-127	11'													10:15
5	CS-126	1.5'													10:20

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Relinquished By:	Date: 12/13/23 Time: 13:49	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By:	Date: Time:	Received By:	All Results are emailed. Please provide Email address:
			REMARKS: Separate from other COC
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 1.6 °C Corrected Temp. °C	Sample Condition Cool: ☐ Yes ☐ No Intact: ☑ Yes ☐ No	CHECKED BY: (Initials) RH
Turnaround Time: Standard ☑ Rush ☐ Thermometer ID #140 Correction Factor 0°C	Bacteria (only) Sample Condition Cool: ☐ Yes ☐ No Intact: ☐ Yes ☐ No	Observed Temp. °C Corrected Temp. °C	

FORM-006 R 3.4 07/11/23

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

Received by OCD: 12/17/2024 1:26:22 PM

Released to Imaging: 4/2/2025 11:15:09 AM

ATTACHMENT E: EXTENSION REQUEST APPROVALS

Becky Haskell

From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Friday, March 24, 2023 9:39 AM
To: Becky Haskell
Cc: Bratcher, Michael, EMNRD; Harimon, Jocelyn, EMNRD; Hamlet, Robert, EMNRD
Subject: FW: [EXTERNAL] Earthstone Diamondback 24-25 CTB (nAPP2300652445) Extension Request

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Hello Becky

OCD approves your 90-day extension request to June 26, 2023 to submit a remediation plan or closure report. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,

Jennifer Nobui

From: Becky Haskell <bhaskell@ntglobal.com>
Sent: Thursday, March 23, 2023 3:25 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Becky Haskell <bhaskell@ntglobal.com>; Ricardo Baer <RBaer@ntglobal.com>
Subject: [EXTERNAL] Earthstone Diamondback 24-25 CTB (nAPP2300652445) Extension Request

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

Good Afternoon,

NTGE, on behalf of Earthstone Operating, LLC, respectfully submits this extension request. A report is due to the NMOCD by 3/25/23. We are currently conducting remediation activities and recently received analytical results indicating additional activities need to be conducted. We are requesting an additional 90 days.

Diamondback 24-25 CTB
A-24-19S-32E
Lea County, NM
nAPP2300652445

Thank You,

Becky Haskell
Senior Project Manager | **NTG Environmental**
M: 432-766-1918 |bhaskell@ntglobal.com
701 Tradewinds Blvd, Suite C
Midland, TX 79706

From:	Velez, Nelson, EMNRD
To:	Becky Haskell
Cc:	Montgomery Floyd; Matthw.Taylor@permianres.com; Ricardo Baer; Bratcher, Michael, EMNRD
Subject:	Re: [EXTERNAL] nAPP2300652445 Diamondback 24-25 CTB Extension Request
Date:	Thursday, December 21, 2023 9:48:00 AM
Attachments:	image001.jpg image.png Outlook-ogg5fujd.png

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Good morning Becky,

Your 90-day time extension request is approved. Remediation Due date has been updated to March 19, 2024.

Please keep a copy of this communication for inclusion within the appropriate report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposals and/or final closure reports. Correspondence required to be included in reports may include, but not limited to, notifications for liner inspections, sample events, spill/release/fire, and request for time extensions or variances.

Regards,

Nelson Velez ● Environmental Specialist - Adv
Environmental Bureau | EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87410
(505) 469-6146 | nelson.velez@emnrd.nm.gov
http://www.emnrd.state.nm.us/OCD/

Previous email submittal:

From: Becky Haskell <ebhaskell@ntglobal.com>
Sent: Wednesday, December 20, 2023 12:27 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Montgomery Floyd <Montgomery.Floyd@permianres.com>; Matthew Taylor

<Matthw.Taylor@permianres.com>; Becky Haskell <bhaskell@ntglobal.com>; Ricardo Baer <RBaer@ntglobal.com>
Subject: [EXTERNAL] nAPP2300652445 Diamondback 24-25 CTB Extension Request

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Good Afternoon,

NTGE, on behalf of Permian Resources (Earthstone Operating, LLC), respectfully submits this extension request. A report is due to the NMOCD by 12/20/23. We are currently conducting remediation activities. We are requesting an additional 90 days.

Diamondback 24-25 CTB
A-24-19S-32E
Lea County, NM
nAPP2300652445

Thank You,

Becky Haskell
Senior Project Manager | **NTG Environmental**
M: 432-766-1918 |bhaskell@ntglobal.com
701 Tradewinds Blvd, Suite C
Midland, TX 79706

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From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Wednesday, December 20, 2023 1:06 PM
To: Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] nAPP2300652445 Diamondback 24-25 CTB Extension Request

---

From: Becky Haskell <bhaskell@ntglobal.com>
Sent: Wednesday, December 20, 2023 12:27 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Montgomery Floyd <Montgomery.Floyd@permianres.com>; Matthew Taylor <Matthew.Taylor@permianres.com>; Becky Haskell <bhaskell@ntglobal.com>; Ricardo Baer <RBaer@ntglobal.com>
Subject: [EXTERNAL] nAPP2300652445 Diamondback 24-25 CTB Extension Request

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

Good Afternoon,

NTGE, on behalf of Permian Resources (Earthstone Operating, LLC), respectfully submits this extension request. A report is due to the NMOCD by 12/20/23. We are currently conducting remediation activities. We are requesting an additional 90 days.

Diamondback 24-25 CTB
A-24-19S-32E
Lea County, NM
nAPP2300652445

Thank You,

Becky Haskell
Senior Project Manager | **NTG Environmental**
M: 432-766-1918 |bhaskell@ntglobal.com
701 Tradewinds Blvd, Suite C
Midland, TX 79706

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

QUESTIONS

Action 412981

QUESTIONS

Operator: Permian Resources Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 372165
	Action Number: 412981
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2300652445**
Incident Name	**NAPP2300652445 DIAMONDBACK 24-25 CTB @ 0**
Incident Type	**Oil Release**
Incident Status	**Deferral Request Received**
Incident Facility	**[fAB1907841396] DIAMONDBACK 24-25 FED COM BATTERY**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	DIAMONDBACK 24-25 CTB
Date Release Discovered	12/25/2022
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Separator | Crude Oil | Released: 100 BBL | Recovered: 70 BBL | Lost: 30 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure | Separator | Produced Water | Released: 30 BBL | Recovered: 10 BBL | Lost: 20 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.**

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*

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

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

I hereby agree and sign off to the above statement	Name: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 12/17/2024

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QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	30800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	24160
GRO+DRO (EPA SW-846 Method 8015M)	21130
BTEX (EPA SW-846 Method 8021B or 8260B)	351
Benzene (EPA SW-846 Method 8021B or 8260B)	2.8
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	01/05/2023
On what date will (or did) the final sampling or liner inspection occur	12/13/2023
On what date will (or was) the remediation complete(d)	12/13/2023
What is the estimated surface area (in square feet) that will be reclaimed	14933
What is the estimated volume (in cubic yards) that will be reclaimed	1802
What is the estimated surface area (in square feet) that will be remediated	11614
What is the estimated volume (in cubic yards) that will be remediated	990
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Matthew Taylor Title: Environmental Coordinator Email: matthew.taylor@permianres.com Date: 12/17/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	**Yes**
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Heater Treaters, Seperators, Air Compressors, Electrical Boxes,
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	4657
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	685
Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.	
Enter the facility ID (f#) on which this deferral should be granted	DIAMONDBACK 24-25 FED BATTERY [fAPP2124431955]
Enter the well API (30-) on which this deferral should be granted	*Not answered.*
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**293061**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**12/13/2023**
What was the (estimated) number of samples that were to be gathered	**50**
What was the sampling surface area in square feet	**1500**

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Deferral approved. Deferral of SW-10B through SW-15B, SW-50B, SW-51B, SW-52B, SW-53B, SW-56, SW-57, and SW-61, SW-41, SW-42A, SW-58, SW-59, CS-116, and CS-117, VD-3 and VD-4 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	4/2/2025