

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 <sup>AB</sup>

|                         |                          |                      |                                  |
|-------------------------|--------------------------|----------------------|----------------------------------|
| 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)

|                                                    |                                                                                |                                                                     |
|----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <input type="checkbox"/> Crude Oil                 | Volume Released (bbls)                                                         | Volume Recovered (bbls)                                             |
| <input checked="" type="checkbox"/> 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? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate                | Volume Released (bbls)                                                         | Volume Recovered (bbls)                                             |
| <input type="checkbox"/> Natural Gas               | Volume Released (Mcf)                                                          | Volume Recovered (Mcf)                                              |
| <input type="checkbox"/> 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.

|                |               |
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|                                                                                                                                                                      |                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                | If YES, for what reason(s) does the responsible party consider this a major release?<br><br>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)?<br><br>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*

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| <input checked="" type="checkbox"/> The source of the release has been stopped.<br><input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.<br><input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.<br><input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.                                                                                                                                                                                                                                                                                               |                               |
| If all the actions described above have <u>not</u> been undertaken, explain why:<br><br>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: <u>Jennifer Elrod</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Date: 03/06/2019              |
| email: JELROD@CHISHOLMENERGY.COM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Telephone: 817-953-3728       |
| <b><u>OCD Only</u></b><br>Received by: <u>Ana Maria Rosamante</u> Date: 3/19/2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                               |

EL. 3629.9' 600' EL. 3619.7'

100' NORTH  
OFFSET  
EL. 3620.2' SEC. 13  
SEC. 24

EL. 3621.2' N89°47'29"E 400.03 FT EL. 3622.8'

100'

**DIAMONDBACK 24-25**  
**FED 2BS 3H**  
ELEV. = 3619.6'  
3.214± ACRES

140' EAST  
OFFSET  
EL. 3620.0'

140'

DIAMONDBACK 24-25  
FED 2BS 1H

260' WEST  
OFFSET  
EL. 3619.4'

140'

DIAMONDBACK 24-25  
FED 2BS 2H

LAT. = 32.6527119°N (NAD83)  
LONG. = 103.7132074°W  
NMSP EAST (FT)  
N = 601744.85  
E = 732196.45

250'

PROPOSED PAD

250' SOUTH  
OFFSET  
EL. 3620.1'

EL. 3619.9'

EL. 3619.7'

400.00 FT

S89°46'52"W  
TOP SOIL AREA

30'

PROPOSED 282 L.F.  
ACCESS ROAD

4/W POWER LINE

EL. 3617.4' 600' EL. 3617.7'

EL. 3617.4' 60  
NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE  
NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO  
STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF  
BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST  
COORDINATES MODIFIED TO THE SURFACE. ELEVATION VALUES ARE  
NAVD 88.

SCALE 1" = 100'

### DIRECTIONS TO LOCATION

FROM STATE ROAD 243 AND CR. 126 (MALJAMAR RD.) GO NORTH ON CR. 126 6.0 MILES, TURN RIGHT ON CALICHE ROAD (DRY LAKE RD.) AND GO EAST 5.0 MILES, TURN RIGHT AND GO SOUTH 0.75 MILE, TURN RIGHT AND GO WEST 0.45 MILE TO A ROAD SURVEY AND FOLLOW FLAGS NORTH-NORTHWEST 282' TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

**CHISHOLM ENERGY OPERATING, LLC**  
**DIAMONDBACK 24-25 FED 2BS 3H**  
LOCATED 125 FT. FROM THE NORTH LINE  
AND 630 FT. FROM THE EAST LINE OF  
SECTION 24, TOWNSHIP 19 SOUTH,  
RANGE 32 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 26, 2017

**SURVEY NO. 5588**

**MADRON SURVEYING, INC.** 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3341

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

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

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

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

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



|                |               |
|----------------|---------------|
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| 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:  Date: June 26, 2023

email: jkindley@ntglobal.com Telephone: 432-967-6544

**OCD Only**

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

|                |               |
|----------------|---------------|
| Incident ID    | nAB1907841837 |
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| 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.

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Printed Name: Jeff Kindley Title: Senior Geologist  
Signature:  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: 09/21/2023

Remediation plan is approved as written. Earthstone has 90-days (December 20, 2023) to submit its appropriate or final closure report.

District I  
1625 N. French Dr., Hobbs, NM 88240  
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State of New Mexico  
Energy Minerals and Natural  
Resources Department  
  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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)

|                                                    |                                                                                |                                                                     |
|----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Crude Oil      | Volume Released (bbls) 100                                                     | Volume Recovered (bbls) 70                                          |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 30                                                      | Volume Recovered (bbls) 10                                          |
|                                                    | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate                | Volume Released (bbls)                                                         | Volume Recovered (bbls)                                             |
| <input type="checkbox"/> Natural Gas               | Volume Released (Mcf)                                                          | Volume Recovered (Mcf)                                              |
| <input type="checkbox"/> 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.

|                |                |
|----------------|----------------|
| Incident ID    | nAPP2300652445 |
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|                                                                                                                                                                                                                                                                                                                          |                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                                                    | If YES, for what reason(s) does the responsible party consider this a major release?<br>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)?<br><br>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*

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <input checked="" type="checkbox"/> The source of the release has been stopped.<br><input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.<br><input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.<br><input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.                                                                                                                                                                                                                                                                                               |                                      |
| If all the actions described above have <u>not</u> been undertaken, explain why:<br><br><br><br><br><br><br><br><br><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                      |
| 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: <u>Rebecca Haskell</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Title: <u>Senior Project Manager</u> |
| Signature: <u>Rebecca Haskell</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Date: <u>1/6/2023</u>                |
| email: <u>bhaskell@ntglobal.com</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Telephone: <u>432-766-1918</u>       |
| <b><u>OCD Only</u></b><br><br>Received by: _____ Date: _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                      |

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

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

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

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

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



State of New Mexico  
Oil Conservation Division

Page 4

|                |                |
|----------------|----------------|
| Incident ID    | nAPP2201934969 |
| District RP    |                |
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| 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:  Date: June 26, 2023  
email: jkindley@ntglobal.com Telephone: 432-967-6544

**OCD Only**

Received by: Shelly Wells Date: 6/27/2023

|                |                |
|----------------|----------------|
| 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:  Date: June 26, 2023  
email: jkindley@ntglobal.com Telephone: 432-967-6544

**OCD Only**

Received by: Shelly Wells Date: 6/27/2023

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

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



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

June 26, 2023

Mike Bratcher  
District Supervisor  
Oil Conservation Division, District 2  
811 S. First Street  
Artesia, New Mexico 88210

**Re: Site Characterization and Remediation Update Report  
Diamondback 24-25 Fed Com Battery  
Earthstone Operating, LLC  
Incident IDs: nAB1907841837/nAPP2201934969  
A-24-19S-32E, Lea County, New Mexico**

## 1. Introduction

New Tech Global Environmental, LLC (NTGE), on behalf of Earthstone Operating, LLC (Earthstone), submits this Site Characterization and Remediation Update Report to the New Mexico Oil Conservation District (NMOCD) District 2 Office in Artesia, New Mexico. This report provides documentation of initial soil delineation, sampling, analysis, and remediation activities conducted to date in the affected areas at the Earthstone Diamondback 24-25 Fed Com Battery Release Site (Site). The Site is in 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 and 32.652962° N Latitude and -103.712913° W Longitude for nAPP2201934969. Figures 1 and 2 depict the Site location. The initial footprint of the release is depicted on Figure 3.

## 2. Background

A C-141, Release Notification, for this release was submitted to the NMOCD on March 3, 2019. The C-141 stated that 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. The release occurred due to a fitting busting on a pipe between a tank and water pump. A vac truck was called, and soil was pushed and stockpiled to prevent further spread of fluids.

A second 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

Mr. Mike Bratcher  
June 26, 2023  
Page 2 of 4

fire tube of the heater treater. Repairs were made and vac truck was called to remove any free liquids.

The NMOCD assigned the release with Incident Numbers nAB1907841837 and nAPP2300652445 for the two releases, respectively. The Release Notifications, Site Assessment/Characterization, and Remediation 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 area is in an area of low karst potential. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is no groundwater well sources within a ½-mile radius of the location. On June 13, 2023, NTGE installed a temporary monitor well on the northeast edge of the Diamondback facility to a depth of one hundred ten feet (ft) below ground surface (bgs). The well was gauged on June 16, 2023, and found to be dry. See attached temporary monitor well diagram in Appendix A. No other receptors or features were noted within the specified boundaries or distancing from the site. Figure 3, Delineation Sample Location Map, depicts the boundary of the release. 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 onehundred (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) |
|----------------------------------|--------------------------------|
| 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<br>(GRO+DRO+MRO) | TPH<br>(GRO+DRO) | Total 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 |
| Notes:<br>--- = not defined                                               |              |                      |                  |            |          |

Mr. Mike Bratcher  
June 26, 2023  
Page 3 of 4

## 4. Initial Excavation and Soil Delineation Assessment Summary and Findings

NTGE on behalf of Earthstone conducted multiple delineation events to assess the extent of impacts at the Diamondback 24-25 CTB (Site). Soil samples were collected in half foot intervals ranging from depths of zero (0) to nineteen (19) ft bgs. On June 13<sup>th</sup> NTGE and HCI Drilling company installed a temporary monitoring well (TMW-1) to allow for soil samples to be collected from depth intervals of 3ft to 50ft bgs. This same well was then gauged for ground water after the required 48hr, with the associated well log included in this report. All soil samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, total petroleum hydrocarbons (TPH) by EPA Method 8015B Modified, and chloride by EPA Method SM4500. Analytical results from NTGE's assessment indicated that chloride and/or TPH concentrations exceeded the Table I Closure Criteria throughout the area of concern. Figure 3, Site Assessment Map, depicts the outline of the release area and sample locations. Analytical results and collection dates are provided on Table 1, Summary of Soil Analytical Data, and in the Laboratory Analytical Reports and Chain-of-Custody Documentation provided in Attachment C. A Photographic Log is provided in Attachment B.

## 5.0 Remediation Plan

- The areas represented by S-1, S-6 and S-7 will be excavated to 2ft bgs due to contaminant concentrations over Table I Closure Criteria.
- The areas represented by TP-1, S-2, S-8, S-10, NS-10 and SS-10 will be excavated to a depth of 4ft bgs due to contaminant concentrations over Table I Closure Criteria.
- The areas represented by S-4 and S-5 will be excavated to a depth of 1ft bgs due to contaminant concentrations over Table I Closure Criteria.
- The area represented by S-9 will be excavated to a depth of 10ft bgs due to contamination concentrations over Table I Closure Criteria.
- The areas of H-5, H-6 and H-7 will be extended to encompass the horizontal extent of contaminants.
- The area of S-3 will not need to be excavated based on delineation data.
- Confirmation samples will be collected from areas representing no more than two hundred (200) square feet and taken to a laboratory for analysis of BTEX, TPH, and chloride.
- Once remediation activities are completed the excavation will be backfilled with non-impacted material and a closure report will be prepared and submitted to the NMOCD.
- NTGE anticipates three thousand six hundred fifty eight (3,658) cubic yards of material to be excavated and disposed of at an NMOCD approved facility.

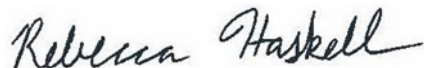
The Release Notifications, Site Assessment/Characterization, and Remediation Plan portions of Form C-141 are attached to the front of this report. Earthstone anticipates the remediation will be completed within 90 days of approval of this Remediation Workplan by the NMOCD.

Mr. Mike Bratcher  
June 26, 2023  
Page 4 of 4

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

Sincerely,

NTG Environmental



Becky Haskell  
Senior Project Manager

Attachments:

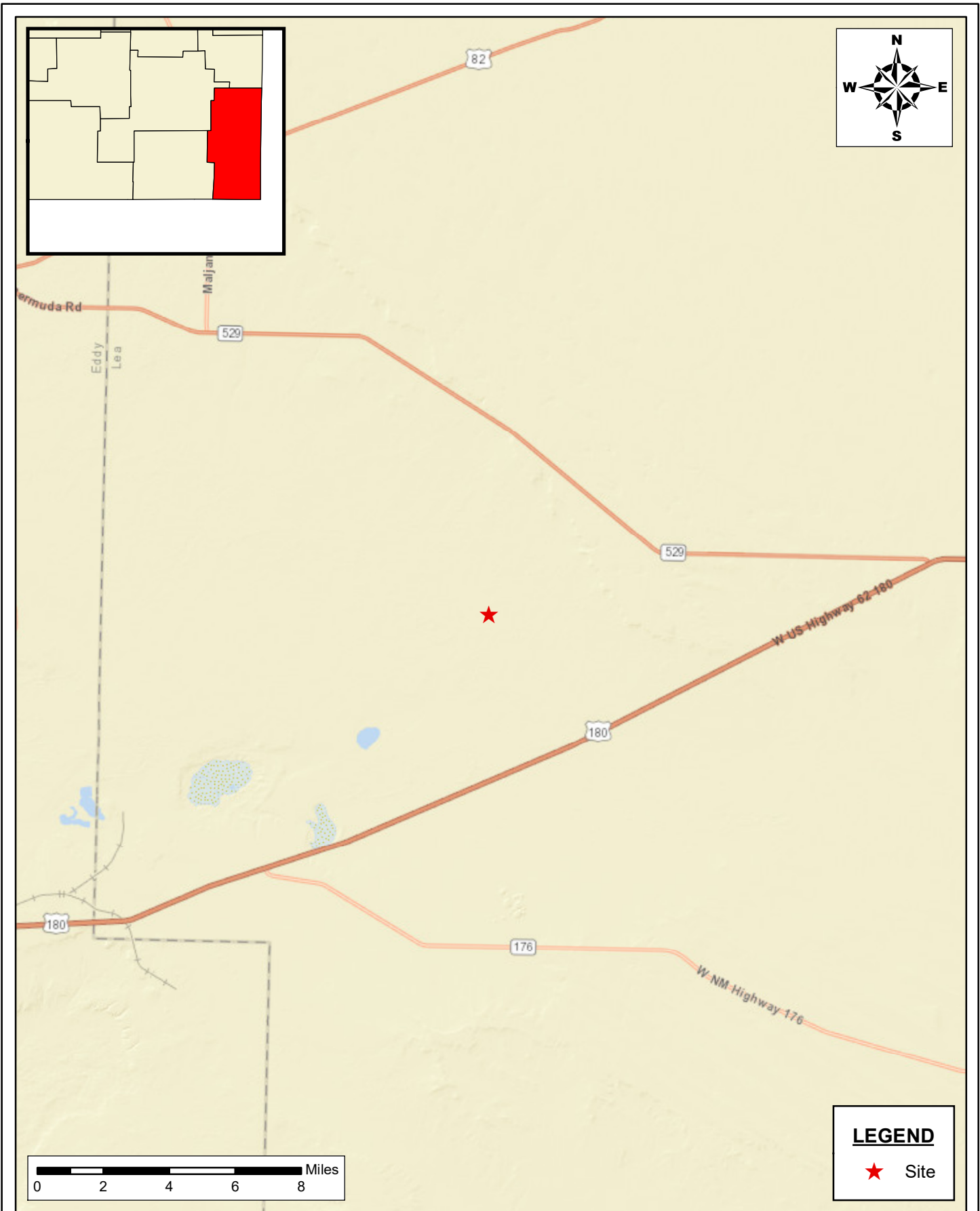
|             |                                                                   |
|-------------|-------------------------------------------------------------------|
| Figure 1:   | Site Location Map                                                 |
| Figure 2:   | Topographic Map                                                   |
| Figure 3:   | Site Assessment Map                                               |
| Figure 4:   | Proposed Excavation Map                                           |
| Table 1:    | Summary of Soil Analytical Data                                   |
| Appendix A: | Site Characterization Documentation/TMW-1 Diagram                 |
| Appendix B: | Photographic Log                                                  |
| Appendix C: | Laboratory Analytical Reports and Chain -of-Custody Documentation |

## **FIGURES**

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



**New Tech Global Environmental, LLC**  
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Web: www.ntglobal.com

**NOTES:**

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

DRAWING NUMBER:

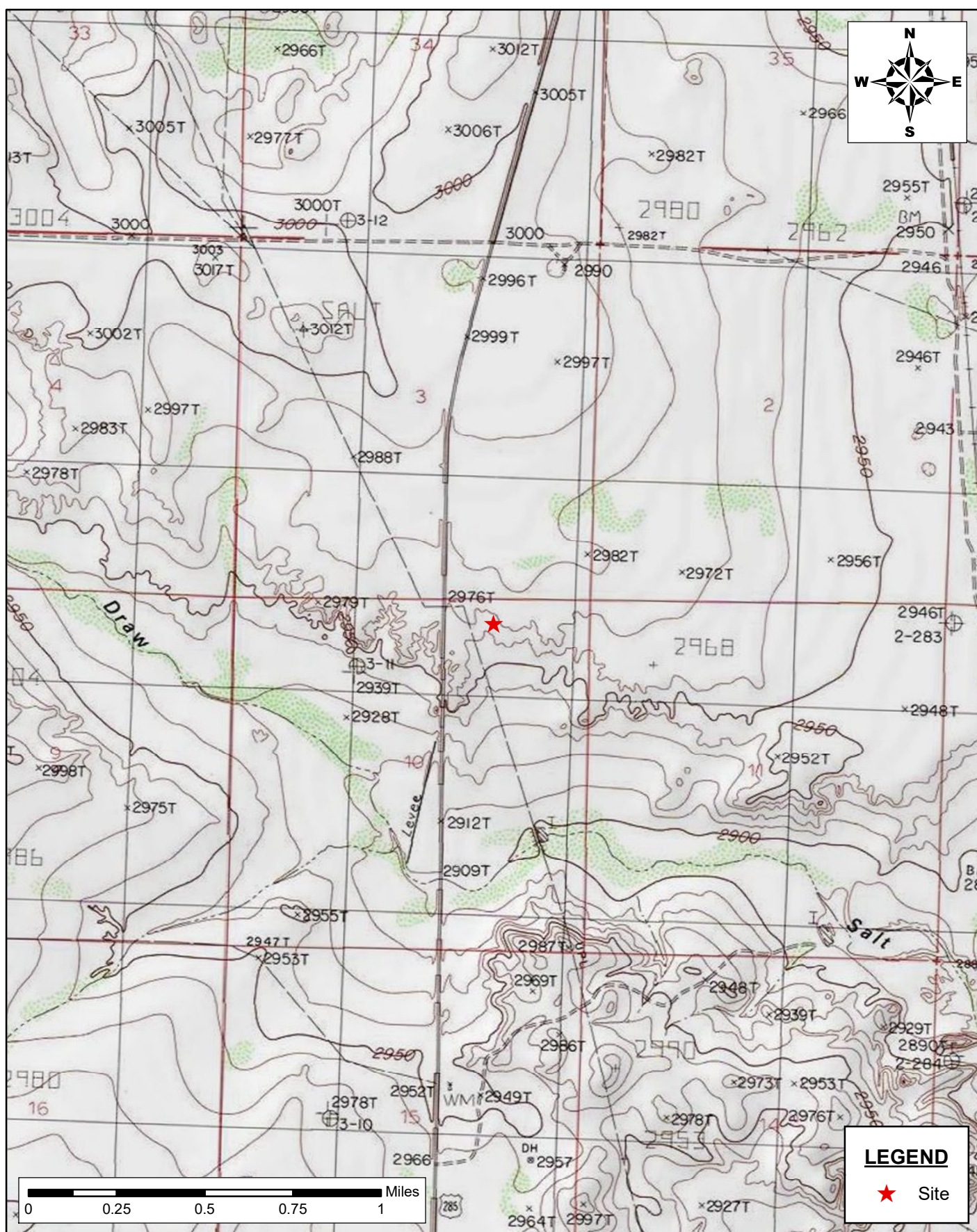
**FIGURE 1**

SHEET NUMBER:

**1 of 1**

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

Document Path: P:\2022 PROJECTS\EARTHSTONE ENERGY\RSC\226703 Salt Draw 10 State Com Battery\7 - Figures\GIS\Figure 2 Site Map\_DH.mxd



**Site Location Map**  
Earthstone Energy  
Alt Draw 10 State Battery  
ddy County, New Mexico  
.150814°, -104.071285°

|                 |                |                   |
|-----------------|----------------|-------------------|
| SCALE: As Shown | DATE: 1/3/2023 | PROJECT #: 226703 |
|-----------------|----------------|-------------------|



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NOTES:

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

DRAWING NUMBER:

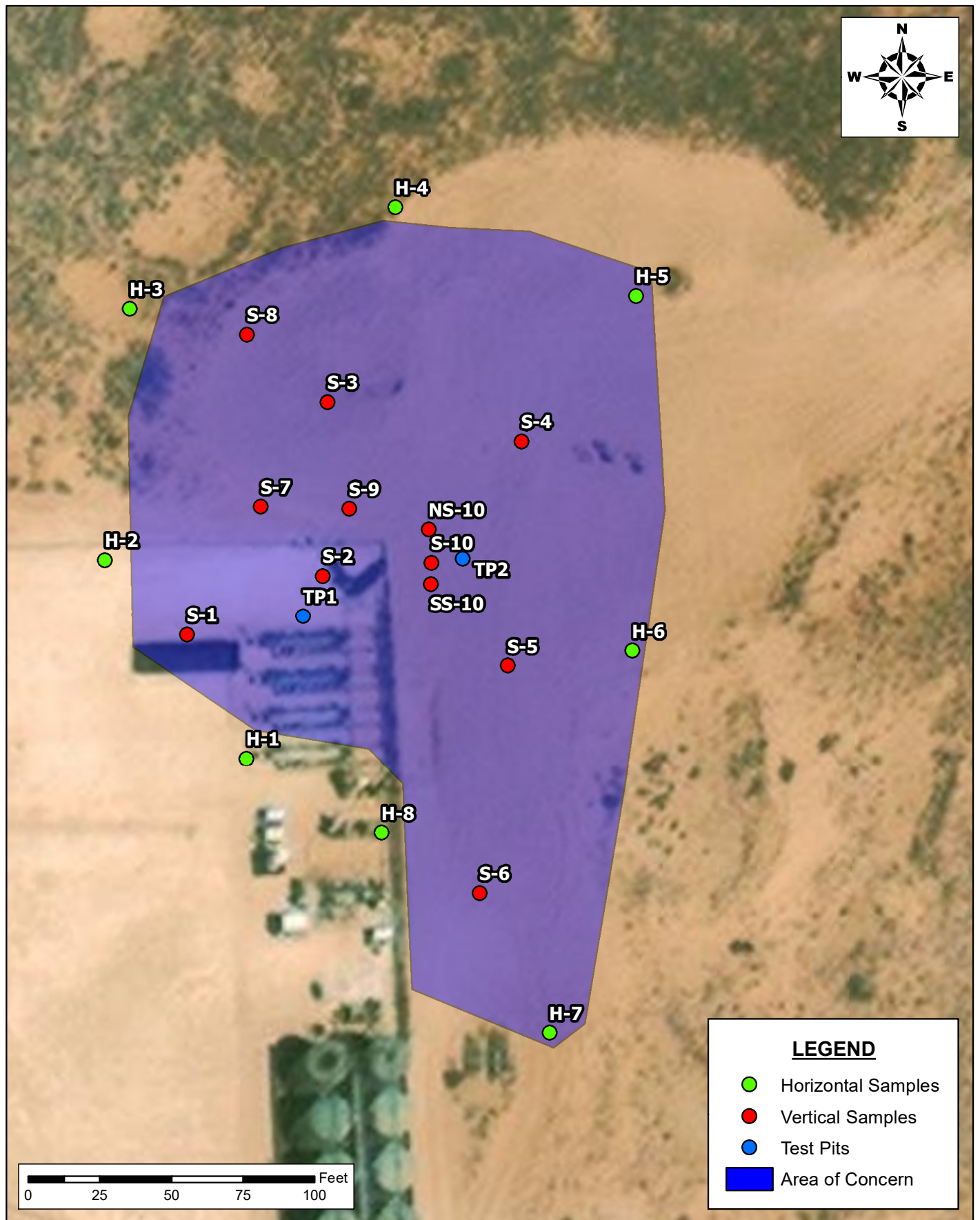
**FIGURE 2**

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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**NOTES:**

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

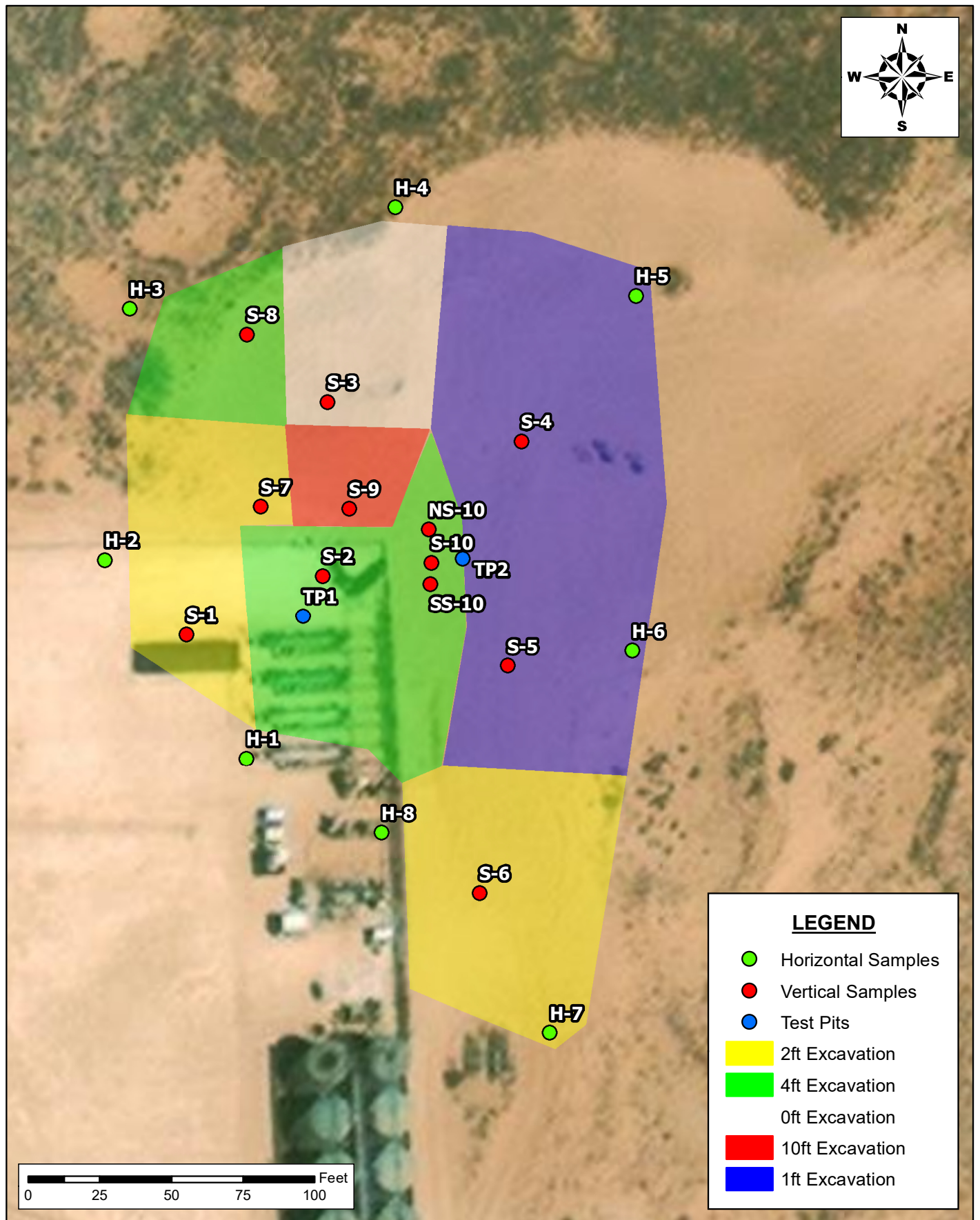
DRAWING NUMBER:

**FIGURE 3**

SHEET NUMBER:

**1 of 1**

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**PROPOSED EXCAVATION 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



**New Tech Global Environmental, LLC**  
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**NOTES:**

1. Base Image: ESRI Maps & Data 2013  
 2. Map Projection: NAD 1983 UTM Zone 13N  
 Area of Red: 1,449sqft x 10ft ~ 537CY  
 Area of Blue: 12,938sqft x 1ft ~ 479CY  
 Area of Yellow: 10,408sqft x 2ft ~ 771CY  
 Area of Green: 8,518sqft x 4ft ~ 1262CY  
 Total Cubic Yardage w 20% fluff ~ 3658CY

DRAWING NUMBER:

**FIGURE 4**

SHEET NUMBER:

**1 of 1**

**TABLE**

---



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

| Sample ID                  | Sample Date | Depth<br>(ft bgs) | Benzene                                                                        | Toluene  | Ethylbenzene | Xylenes  | BTEX     | TPH             |                   |                       |                  |                                  | Chloride     |
|----------------------------|-------------|-------------------|--------------------------------------------------------------------------------|----------|--------------|----------|----------|-----------------|-------------------|-----------------------|------------------|----------------------------------|--------------|
|                            |             |                   | (mg/kg)                                                                        | (mg/kg)  | (mg/kg)      | (mg/kg)  | (mg/kg)  | GRO<br>(C6-C10) | DRO (C10-<br>C28) | GRO + DRO<br>(C6-C28) | MRO<br>(C28-C35) | Total<br>GRO/DRO/MRO<br>(C6-C35) |              |
|                            |             |                   | 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 (0-0.5')               | 1/5/2023    | 0.5'              | <0.00201                                                                       | <0.00201 | <0.00201     | <0.00402 | <0.00402 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 115          |
| S-1 (1-1.5')               | 1/5/2023    | 1.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00401 | <0.00401 | <49.8           | <49.8             | <49.8                 | <49.8            | <49.8                            | 1,210        |
| S-1 (2-2.5')               | 1/5/2023    | 2.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00399 | <0.00399 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 73           |
| S-1 (3-3.5')               | 1/5/2023    | 3.5'              | <0.00198                                                                       | <0.00198 | <0.00198     | <0.00396 | <0.00396 | <49.8           | <49.8             | <49.8                 | <49.8            | <49.8                            | 127          |
| S-1 (4-4.5')               | 1/5/2023    | 4.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 103          |
| S-1 (5-5.5')               | 1/5/2023    | 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 (0-0.5')               | 1/5/2023    | 0.5'              | <0.00201                                                                       | <0.00201 | <0.00201     | <0.00402 | <0.00402 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 1,390        |
| S-2 (1-1.5')               | 1/5/2023    | 1.5'              | 0.0437                                                                         | <0.00200 | <0.00200     | <0.00401 | 0.0437   | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | 56           |
| S-2 (2-2.5')               | 1/5/2023    | 2.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | 227          |
| S-2 (3-3.5')               | 1/5/2023    | 3.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 838          |
| S-2 (4-4.5')               | 1/5/2023    | 4.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00399 | <0.00399 | <49.8           | <49.8             | <49.8                 | <49.8            | <49.8                            | 3,300        |
| S-2 (5-5.5')               | 1/5/2023    | 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 (0-0.5')               | 1/5/2023    | 0.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00401 | <0.00401 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 84.8         |
| S-3 (1-1.5')               | 1/5/2023    | 1.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <49.8           | <49.8             | <49.8                 | <49.8            | <49.8                            | 64.1         |
| S-3 (2-2.5')               | 1/5/2023    | 2.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 110          |
| S-3 (3-3.5')               | 1/5/2023    | 3.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00399 | <0.00399 | <49.8           | <49.8             | <49.8                 | <49.8            | <49.8                            | 103          |
| S-3 (4-4.5')               | 1/5/2023    | 4.5'              | <0.00201                                                                       | <0.00201 | <0.00201     | <0.00402 | <0.00402 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 132          |
| S-3 (5-5.5')               | 1/5/2023    | 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 (0-0.5')               | 1/5/2023    | 0.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <49.9           | 393               | 393                   | 91.9             | 485                              | 408          |
| S-4 (1-1.5')               | 1/5/2023    | 1.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00399 | <0.00399 | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | 257          |
| S-4 (2-2.5')               | 1/5/2023    | 2.5'              | <0.00201                                                                       | <0.00201 | <0.00201     | <0.00402 | <0.00402 | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | 244          |
| S-4 (3-3.5')               | 1/5/2023    | 3.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | 362          |
| S-4 (4-4.5')               | 1/5/2023    | 4.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00399 | <0.00399 | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | 428          |
| S-4 (5-5.5')               | 1/5/2023    | 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 0-0.5')                | 1/5/2023    | 0.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <50.0           | 90.9              | 90.9                  | <50.0            | 90.9                             | 71.9         |
| S-5 (1-1.5')               | 1/5/2023    | 1.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00399 | <0.00399 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 57.2         |
| S-5 (2-2.5')               | 1/5/2023    | 2.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00401 | <0.00401 | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | 42.2         |
| S-5 (3-3.5')               | 1/5/2023    | 3.5'              | <0.00201                                                                       | <0.00201 | <0.00201     | <0.00402 | <0.00402 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 124          |
| S-5 (4-4.5')               | 1/5/2023    | 4.5'              | <0.00198                                                                       | <0.00198 | <0.00198     | <0.00396 | <0.00396 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 52.4         |
| S-5 (5-5.5')               | 1/5/2023    | 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 (0-0.5')               | 1/5/2023    | 0.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | 40.1         |
| S-6 (1-1.5')               | 1/5/2023    | 1.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | 43.8         |
| S-6 (2-2.5')               | 1/5/2023    | 2.5'              | <0.00201                                                                       | <0.00201 | <0.00201     | <0.00402 | <0.00402 | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | 219          |
| S-6 (3-3.5')               | 1/5/2023    | 3.5'              | <0.00201                                                                       | <0.00201 | <0.00201     | <0.00402 | <0.00402 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 274          |
| S-6 (4-4.5')               | 1/5/2023    | 4.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | 189          |
| S-6 (5-5.5')               | 1/5/2023    | 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 (0-0.5')               | 1/5/2023    | 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 (0-0.5')               | 1/5/2023    | 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 (0-0.5')               | 1/5/2023    | 0.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <50.0           | 86.1              | 86.1                  | <50.0            | 86.1                             | 123          |
| H-4 (0-0.5')               | 1/5/2023    | 0.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <49.9           | 88.5              | 88.5                  | <49.9            | 88.5                             | 109          |
| H-5 (0-0.5')               | 1/5/2023    | 0.5'              | 0.0859                                                                         | 0.0352   | 0.0809       | 0.126    | 0.328    | <49.9           | 130               | 130                   | <49.9            | 130                              | 63.6         |
| H-6 (0-0.5')               | 1/5/2023    | 0.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00399 | <0.00399 | <50.0           | 126               | 126                   | <50.0            | 126                              | 336          |

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

| Sample ID           | Sample Date | Depth<br>(ft bgs) | Benzene                                                                        | Toluene  | Ethylbenzene | Xylenes  | BTEX     | TPH             |                   |                       |                  |                                  | Chloride |              |
|---------------------|-------------|-------------------|--------------------------------------------------------------------------------|----------|--------------|----------|----------|-----------------|-------------------|-----------------------|------------------|----------------------------------|----------|--------------|
|                     |             |                   | (mg/kg)                                                                        | (mg/kg)  | (mg/kg)      | (mg/kg)  | (mg/kg)  | GRO<br>(C6-C10) | DRO (C10-<br>C28) | GRO + DRO<br>(C6-C28) | MRO<br>(C28-C35) | Total<br>GRO/DRO/MRO<br>(C6-C35) |          |              |
|                     |             |                   | 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-7 (0-0.5')        | 1/5/2023    | 0.5'              | <0.00201                                                                       | <0.00201 | <0.00201     | <0.00402 | <0.00402 | <50.0           | 122               | 122                   | <50.0            | 122                              | 110      |              |
| H-8 (0-0.5')        | 1/5/2023    | 0.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00401 | <0.00401 | <50.0           | 111               | 111                   | <50.0            | 111                              | 54.3     |              |
| Delineation Samples |             |                   |                                                                                |          |              |          |          |                 |                   |                       |                  |                                  |          |              |
| S-1(1-1.5')         | 3/10/2023   | 1.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 188      |              |
| S-2 (2-2.5')        | 3/10/2023   | 2.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00399 | <0.00399 | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | 19.8     |              |
| S-2 (3-3.5')        | 3/10/2023   | 3.5'              | <0.00201                                                                       | <0.00201 | <0.00201     | <0.00402 | <0.00402 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 21.5     |              |
| S-2 (4-4.5')        | 3/10/2023   | 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 (1-1.5')        | 3/10/2023   | 1.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 14.8     |              |
| S-3 (2-2.5')        | 3/10/2023   | 2.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | <5.00    |              |
| S-3 (3-3.5')        | 3/10/2023   | 3.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00399 | <0.00399 | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | 102      |              |
| S-3 (4-4.5')        | 3/10/2023   | 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 (1-1.5')        | 3/10/2023   | 1.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 73       |              |
| S-4 (2-2.5')        | 3/10/2023   | 2.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00399 | <0.00399 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 7.53     |              |
| S-4 (3-3.5)         | 3/10/2023   | 3.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | <4.95    |              |
| S-4 (4-4.5')        | 3/10/2023   | 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 (1-1.5')        | 3/10/2023   | 1.5'              | <0.00202                                                                       | <0.00202 | <0.00202     | <0.00404 | <0.00404 | <50.0           | 83.5              | 83.5                  | <50.0            | 83.5                             | 860      |              |
| S-5 (2-2.5')        | 3/10/2023   | 2.5'              | <0.00994                                                                       | <0.00994 | <0.00994     | <0.0199  | <0.0199  | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 129      |              |
| S-5 (3-3.5')        | 3/10/2023   | 3.5'              | <0.00202                                                                       | <0.00202 | <0.00202     | <0.00403 | <0.00403 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 167      |              |
| S-5 (4-4.5')        | 3/10/2023   | 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 (1-1.5')        | 3/10/2023   | 1.5'              | <0.00198                                                                       | <0.00198 | <0.00198     | <0.00396 | <0.00396 | <49.9           | 101               | 101                   | <49.9            | 101                              | 852      |              |
| S-6 (2-2.5')        | 3/10/2023   | 2.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00399 | <0.00399 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 25.6     |              |
| S-6 (3-3.5')        | 3/10/2023   | 3.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | 36.0     |              |
| S-6 (4-4.5')        | 3/10/2023   | 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 (1-1.5')        | 3/10/2023   | 1.5'              | <0.0998                                                                        | 2.96     | 7.68         | 20.8     | 31.4     | 606             | 5,660             | 6,266                 | <249             | 6,270                            | 4,580    |              |
| S-7 (2-2.5')        | 3/10/2023   | 2.5'              | <0.00201                                                                       | <0.00201 | <0.00201     | <0.00402 | <0.00402 | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | 51.7     |              |
| S-7 (3-3.5')        | 3/10/2023   | 3.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00401 | <0.00401 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 18.4     |              |
| S-7 (4-4.5')        | 3/10/2023   | 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 (1-1.5')        | 3/10/2023   | 1.5'              | <0.0498                                                                        | 9.33     | 10.2         | 39.6     | 59.1     | 1,380           | 4,730             | 6,110                 | <250             | 6,110                            | 1,360    |              |
| S-8 (2-2.5')        | 3/10/2023   | 2.5'              | 0.056                                                                          | 9.06     | 9.18         | 36.5     | 54.8     | 1,440           | 4,060             | 5,500                 | <250             | 5,500                            | 1,170    |              |
| S-8 (3-3.5')        | 3/10/2023   | 3.5'              | 0.203                                                                          | 18.1     | 15.3         | 60.3     | 93.9     | 2,172           | 5,240             | 7,412                 | <250             | 7,412                            | 1,630    |              |
| S-8 (4-4.5')        | 3/10/2023   | 4.5'              | 0.101                                                                          | 0.305    | 0.274        | 2.34     | 3.02     | 71.1            | 245               | 316                   | <49.9            | 316                              | 4,060    |              |
| S-9 (1-1.5')        | 3/10/2023   | 1.5'              | <0.0996                                                                        | 1.8      | 5.49         | 80.1     | 87.4     | 2,650           | 5,680             | 8,330                 | <250             | 8,330                            | 2,020    |              |
| S-9 (2-2.5')        | 3/10/2023   | 2.5'              | <0.497                                                                         | 3.72     | 27.0         | 120      | 151      | 2,830           | 5,160             | 7,990                 | <249             | 7,990                            | 2,670    |              |
| S-9 (3-3.5')        | 3/10/2023   | 3.5'              | <0.499                                                                         | 5.78     | 40.9         | 163      | 210      | 3,380           | 6,270             | 9,650                 | <250             | 9,650                            | 3,150    |              |
| S-9 (4-4.5')        | 3/10/2023   | 4.5'              | <0.0996                                                                        | 1.52     | 8.59         | 29.2     | 39.3     | 2,880           | 5,750             | 8,630                 | <250             | 8,630                            | 3,480    |              |
| S-10 (1-1.5')       | 3/10/2023   | 1.5'              | <0.497                                                                         | 4.8      | 29.8         | 120      | 155      | 1,080           | 3,340             | 4,420                 | <250             | 4,420                            | 1,140    |              |
| S-10 (2-2.5')       | 3/10/2023   | 2.5'              | <0.100                                                                         | 5.16     | 14.5         | 48.3     | 68       | 1,610           | 4,500             | 6,110                 | <250             | 6,110                            | 1,290    |              |
| S-10 (3-3.5')       | 3/10/2023   | 3.5'              | <0.0498                                                                        | 0.294    | 0.72         | 2.89     | 3.9      | <49.9           | 251               | 251                   | <49.9            | 251                              | 1,930    |              |
| S-10 (4-4.5')       | 3/10/2023   | 4.5'              | <0.00201                                                                       | <0.00201 | <0.00201     | <0.00402 | <0.00402 | <50.0           | 156               | 156                   | <50.0            | 156                              | 4,070    |              |
| S-10 (8')           | 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    |              |
| S-10 (10')          | 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    |              |
| S-10 (16')          | 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    |              |
| S-10 (17')          | 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    |              |

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

| Sample ID                    | Sample Date | Depth<br>(ft bgs) | Benzene                                                                        | Toluene  | Ethylbenzene | Xylenes  | BTEX     | TPH             |                   |                       |                  |                                  | Chloride |              |
|------------------------------|-------------|-------------------|--------------------------------------------------------------------------------|----------|--------------|----------|----------|-----------------|-------------------|-----------------------|------------------|----------------------------------|----------|--------------|
|                              |             |                   | (mg/kg)                                                                        | (mg/kg)  | (mg/kg)      | (mg/kg)  | (mg/kg)  | GRO<br>(C6-C10) | DRO (C10-<br>C28) | GRO + DRO<br>(C6-C28) | MRO<br>(C28-C35) | Total<br>GRO/DRO/MRO<br>(C6-C35) |          |              |
|                              |             |                   | 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 (19')                   | 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 (1-1.5')                | 3/10/2023   | 1.5'              | <0.00200                                                                       | <0.00200 | 0.00412      | 0.0164   | 0.0205   | <49.9           | 674               | 674                   | <49.9            | 674                              | 7,470    |              |
| S-11 (2-2.5')                | 3/10/2023   | 2.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <49.9           | 95.4              | 95.4                  | <49.9            | 95.4                             | 846      |              |
| S-11 (3-3.5')                | 3/10/2023   | 3.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00399 | <0.00399 | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | 296      |              |
| S-11 (4-4.5)                 | 3/10/2023   | 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 (1-1.5')                | 3/10/2023   | 1.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <49.9           | 75.8              | 75.8                  | <49.9            | 75.8                             | 2,270    |              |
| S-12 (2-2.5')                | 3/10/2023   | 2.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 2,740    |              |
| S-12 (3-3.5')                | 3/10/2023   | 3.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00399 | <0.00399 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 312      |              |
| S-12 (4-4.5')                | 3/10/2023   | 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 (1-1.5')                | 3/10/2023   | 1.5'              | <0.00202                                                                       | <0.00202 | <0.00202     | <0.00403 | <0.00403 | <50.0           | 167               | 167                   | <50.0            | 167                              | 3,490    |              |
| S-13 (2-2.5')                | 3/10/2023   | 2.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <49.9           | 120               | 120                   | <49.9            | 120                              | 4,120    |              |
| S-13 (3-3.5')                | 3/10/2023   | 3.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 596      |              |
| S-13 (4-4.5')                | 3/10/2023   | 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 (1-1.5')                | 3/10/2023   | 1.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <50.0           | <50.0             | <50.0                 | <50.0            | <50.0                            | 4,540    |              |
| S-14 (2-2.5')                | 3/10/2023   | 2.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <50.0           | 135               | 135                   | <50.0            | 135                              | 3,120    |              |
| S-14 (3-3.5')                | 3/10/2023   | 3.5'              | <0.00201                                                                       | <0.00201 | <0.00201     | <0.00402 | <0.00402 | <50.0           | 135               | 135                   | <50.0            | 135                              | 414      |              |
| S-14 (4-4.5')                | 3/10/2023   | 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 (1-1.5')                | 3/10/2023   | 1.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00401 | <0.00401 | <50.0           | 195               | 195                   | <50.0            | 195                              | 5,470    |              |
| S-15 (2-2.5')                | 3/10/2023   | 2.5'              | <0.00199                                                                       | <0.00199 | <0.00199     | <0.00398 | <0.00398 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 527      |              |
| S-15(3-3.5')                 | 3/10/2023   | 3.5'              | <0.00200                                                                       | <0.00200 | <0.00200     | <0.00399 | <0.00399 | 52.6            | <49.9             | 52.6                  | <49.9            | 52.6                             | 1,030    |              |
| S-15 (4-4.5')                | 3/10/2023   | 4.5'              | <0.00201                                                                       | <0.00201 | <0.00201     | <0.00402 | <0.00402 | <49.9           | <49.9             | <49.9                 | <49.9            | <49.9                            | 832      |              |
| S-7 (3')                     | 3/13/2023   | 3'                | <0.403                                                                         | 29.6     | 24.4         | 75.1     | 129      | 2,150           | 9,680             | 11,830                | 1,310            | 13,100                           | 192      |              |
| S-7 (5')                     | 3/13/2023   | 5'                | <0.200                                                                         | 0.39     | 2.55         | 9.32     | 12.3     | 388             | 1840              | 2,228                 | 244              | 2,470                            | 182      |              |
| S-7 (7')                     | 3/13/2023   | 7'                | <0.199                                                                         | <0.199   | <0.199       | <0.398   | <0.398   | <50.0           | 100               | 100                   | <50.0            | 100                              | 1,220    |              |
| S-7 (9')                     | 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    |              |
| S-7 (11')                    | 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    |              |
| S-7 (13')                    | 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 (1')                     | 3/13/2023   | 1'                | 1.01                                                                           | 85.5     | 100          | 165      | 351      | 3,730           | 17,400            | 21,130                | 3030             | 24,160                           | 53       |              |
| S-8 (3')                     | 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     |              |
| S-8 (5')                     | 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    |              |
| S-8 (7')                     | 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    |              |
| S-8 (9')                     | 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 (2')                     | 3/13/2023   | 2'                | 1.2                                                                            | 71       | 60.2         | 132      | 264      | 4,140           | 15,500            | 19,640                | 2,210            | 21,850                           | 89.2     |              |
| S-9 (4')                     | 3/13/2023   | 4'                | 2.81                                                                           | 60.4     | 38.8         | 90.7     | 193      | 3,110           | 3,760             | 6,870                 | <250             | 6,870                            | 237      |              |
| S-9 (6')                     | 3/13/2023   | 6'                | 0.962                                                                          | 41.7     | 34.3         | 71.1     | 148      | 3,060           | 3,380             | 6,440                 | <250             | 6,440                            | 3,110    |              |
| S-9 (8')                     | 3/13/2023   | 8'                | 1.96                                                                           | 123      | 76.5         | 123      | 324      | 4,800           | 3,740             | 8,540                 | <250             | 8,540                            | 2,610    |              |
| S-9 (10')                    | 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    |              |
| S-9 (12')                    | 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      |              |
| NC-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    |              |



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

| Sample ID           | Sample Date | Depth<br>(ft bgs) | Benzene                                                                        | Toluene  | Ethylbenzene | Xylenes  | BTEX     | TPH             |                   |                       |                  |                                  | Chloride |              |
|---------------------|-------------|-------------------|--------------------------------------------------------------------------------|----------|--------------|----------|----------|-----------------|-------------------|-----------------------|------------------|----------------------------------|----------|--------------|
|                     |             |                   | (mg/kg)                                                                        | (mg/kg)  | (mg/kg)      | (mg/kg)  | (mg/kg)  | GRO<br>(C6-C10) | DRO (C10-<br>C28) | GRO + DRO<br>(C6-C28) | MRO<br>(C28-C35) | Total<br>GRO/DRO/MRO<br>(C6-C35) |          |              |
|                     |             |                   | 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 |
| SS-10               | 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    |              |
| 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      |              |
| TMW-1               | 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      |              |
| TMW-1               | 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      |              |
| TMW-1               | 6/13/2023   | (18-20')          | <0.00201                                                                       | <0.00201 | <0.00201     | <0.00402 | <0.00402 | <50.0           | 151               | 151                   | <50.0            | 151                              | 239      |              |
| TMW-1               | 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      |              |
| TMW-1               | 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      |              |
| TMW-1               | 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      |              |
| TMW-1               | 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      |              |
| TMW-1               | 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     |              |
| TMW-1               | 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                            | 69.1     |              |

## Notes:

- Values reported in mg/kg
- < = Value Less Than Reporting Limit (RL)
- Bold indicates Analyte Detected
- 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 Table I 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).

## **APPENDIX A: SITE CHARACTERIZATION DOCUMENTATION/TMW-1 DIAGRAM**

---

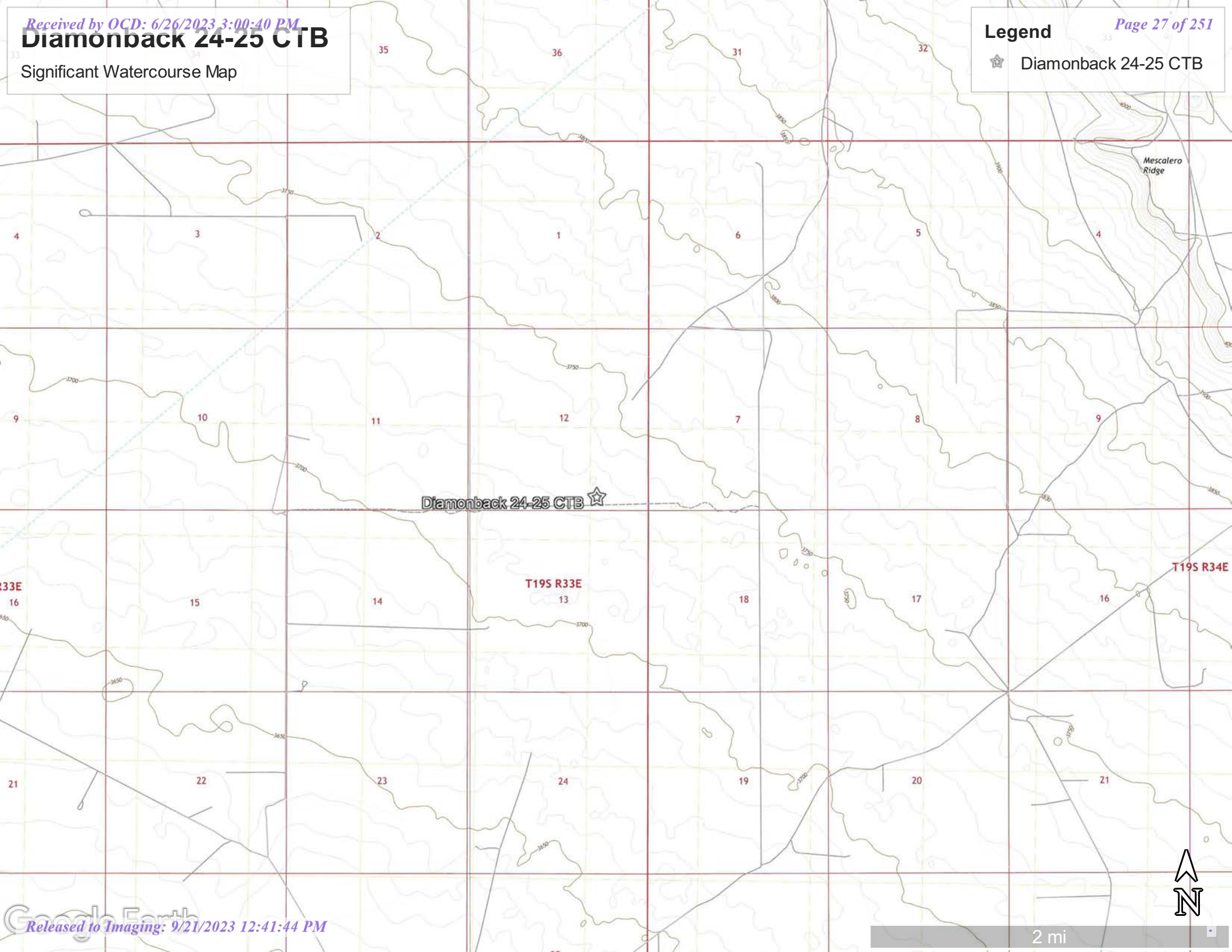
# Diamonback 24-25 CTB

Significant Watercourse Map

## Legend



Diamonback 24-25 CTB



Diamonback 24-25 CTB

T19S R33E

T19S R34E



2 mi

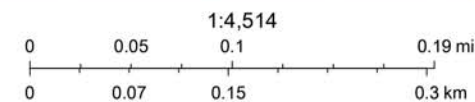


# Site Characterization Map



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

OSE PODs    ● Changed Location of Well    ● Unknown    □ PLSS First Division  
● Active    ● Capped    Karst Occurrence Potential  
● Inactive    ● Plugged    ■ Low  
● Pending    □ PLSS Second Division



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

# Diamonback 24-25 CTB

Karst Map

## Legend

-  Diamonback 24-25 CTB
-  High
-  Low
-  Medium

Diamonback 24-25 CTB 



10 mi





## 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.



# OSE POD Locations Map



1/3/2023, 11:26:43 AM

OSE District Boundary

Water Right Regulations

Closure Area

Declared Groundwater Basins

Surface Water Sub Basins

New Mexico State Trust Lands

Both Estates

Hydro Survey Footprints

Hydro Survey Boundary

<all other values>

None

All

Partial

SiteBoundaries

Sample Locations

Well

Abandoned Well

Oil, Gas Well

Abandoned Oil, Gas Well

Surface

Surface/Sediment

Sediment

Precipitation Gauge

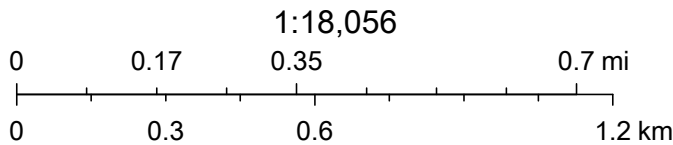
Abandoned Precipitation Gauge

Air Particulate

Abandoned Air Particulate

Treatment System

Abandoned Treatment System

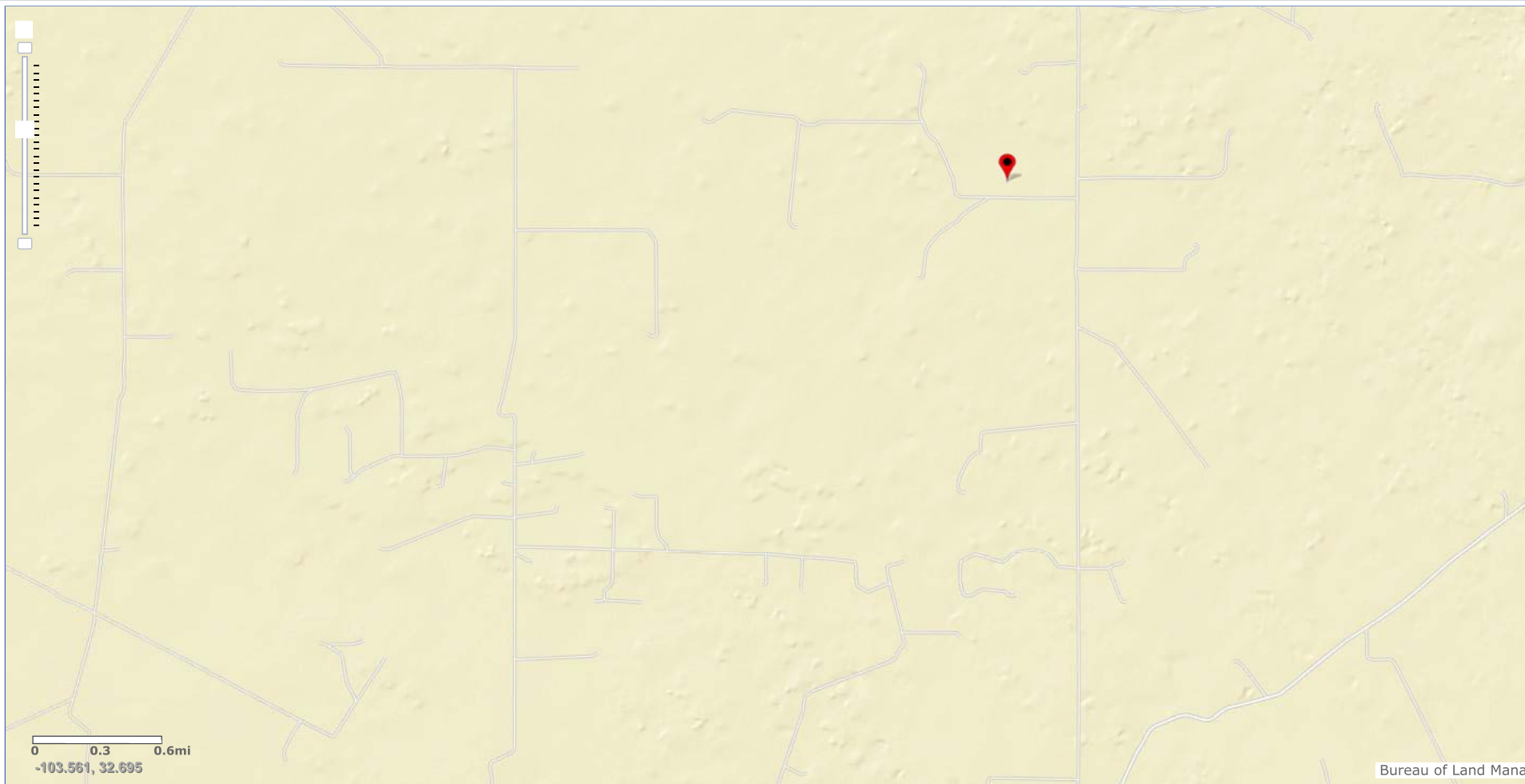


Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar





National Water Information System: Mapper



Site Information



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## 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

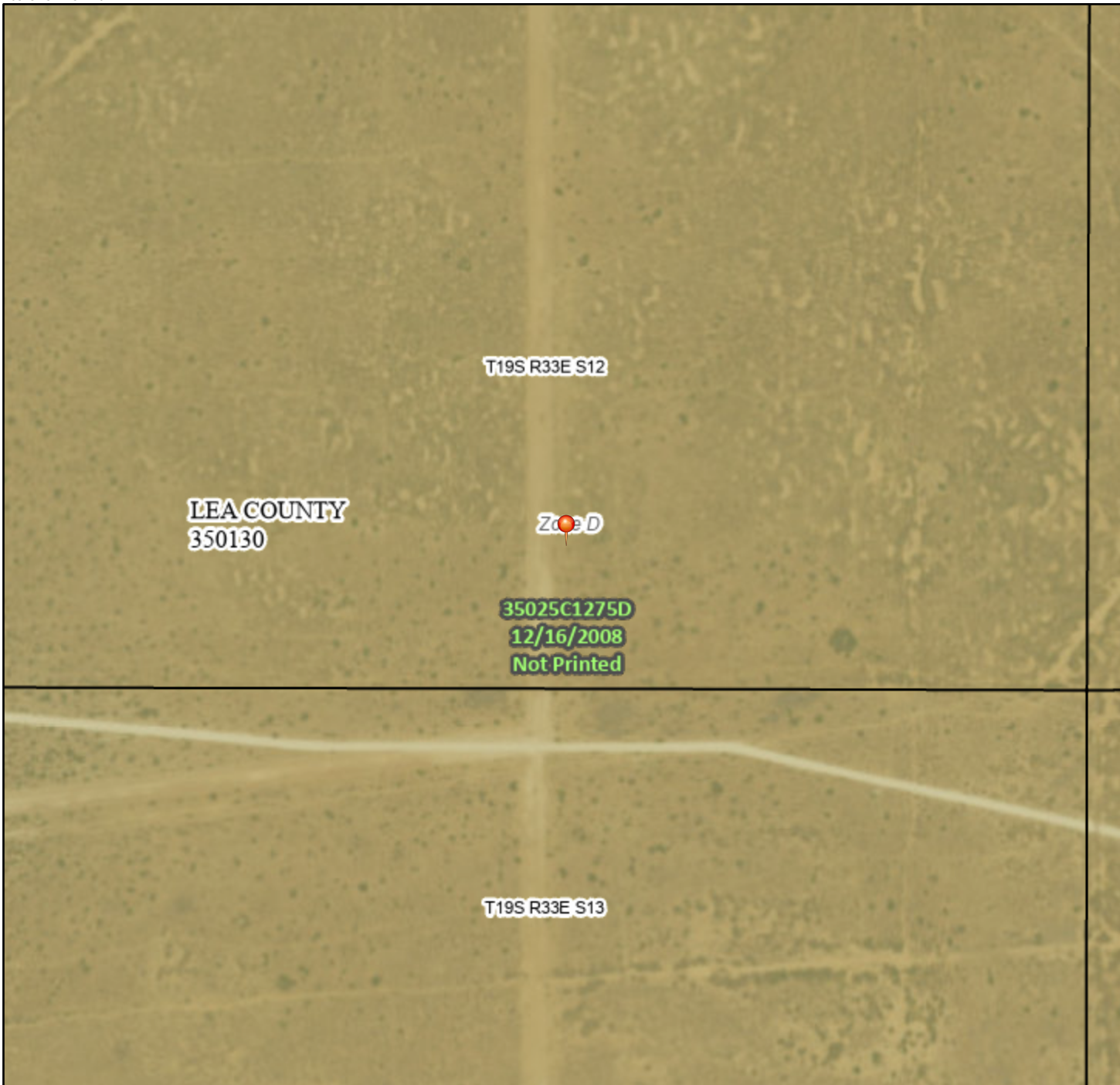
### AVAILABLE DATA:

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

# National Flood Hazard Layer FIRMette



103°37'5"W 32°40'22"N



### Legend

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

|                             |  |                                                                                                                                                                          |
|-----------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SPECIAL FLOOD HAZARD AREAS  |  | Without Base Flood Elevation (BFE)<br><i>Zone A, V, A99</i>                                                                                                              |
|                             |  | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>                                                                                                                         |
|                             |  | 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 <i>Zone X</i> |
|                             |  | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>                                                                                                            |
|                             |  | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>                                                                                                      |
|                             |  | Area with Flood Risk due to Levee <i>Zone D</i>                                                                                                                          |
|                             |  | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>                                                                                                                     |
| OTHER AREAS                 |  | Effective LOMRs                                                                                                                                                          |
|                             |  | Area of Undetermined Flood Hazard <i>Zone D</i>                                                                                                                          |
| GENERAL STRUCTURES          |  | Channel, Culvert, or Storm Sewer                                                                                                                                         |
|                             |  | Levee, Dike, or Floodwall                                                                                                                                                |
| OTHER FEATURES              |  | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation                                                                                                        |
|                             |  | 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                                                                                                                                                |
| MAP PANELS                  |  | Digital Data Available                                                                                                                                                   |
|                             |  | No Digital Data Available                                                                                                                                                |
|                             |  | Unmapped                                                                                                                                                                 |

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.

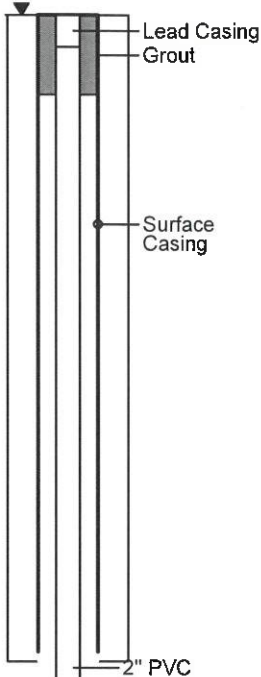
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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



06-26-2023 P:\2022 PROJECTS\EARTHSTONE ENERGY\RSV226700 Diamondback 24-25 CTB7 - Figures\Boring Log\TMW1 bor

|                                                                                                                            |      |          |        |           |        | BORING LOG - TMW 1                                                                                                                                               |                                                                  |                       |            |
|----------------------------------------------------------------------------------------------------------------------------|------|----------|--------|-----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------------|------------|
|                                                                                                                            |      |          |        |           |        | (Page 1 of 3)                                                                                                                                                    |                                                                  |                       |            |
| SITE ASSESSMENT REPORT<br>Earthstone Energy, LLC<br>Diamondback 24-25 CTB<br>Eddy County, New Mexico<br>Project No. 226700 |      |          |        |           |        | Date Drilled : 06/13/2023<br>Hole Diameter : 6 1/4 in<br>Drilling Method : Air Rotary<br>Company Rep : Jeff Kindley<br>Latitude / Longitude :<br>Well Diameter : |                                                                  |                       |            |
| Depth in Feet                                                                                                              | USCS | Field CL | Lab CL | Lithology | Sample | Water Level                                                                                                                                                      | Sample Legend                                                    | Water Levels          | Well: TMW1 |
|                                                                                                                            |      |          |        |           |        |                                                                                                                                                                  | <div>Soil Sample</div> <div>NS - Not Sampled</div>               | <div>&gt;110 ft</div> |            |
| DESCRIPTION                                                                                                                |      |          |        |           |        |                                                                                                                                                                  |                                                                  |                       |            |
| 0                                                                                                                          |      |          |        |           |        |                                                                                                                                                                  | SANDY CLAY-tan, fine grained,                                    |                       |            |
| 2                                                                                                                          |      |          |        |           |        |                                                                                                                                                                  |                                                                  |                       |            |
| 4                                                                                                                          |      |          |        |           |        |                                                                                                                                                                  |                                                                  |                       |            |
| 6                                                                                                                          |      | 250      | -      |           |        |                                                                                                                                                                  |                                                                  |                       |            |
| 8                                                                                                                          | SC   |          |        |           |        |                                                                                                                                                                  |                                                                  |                       |            |
| 10                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                                  |                       |            |
| 12                                                                                                                         |      | 1300     | -      |           |        |                                                                                                                                                                  |                                                                  |                       |            |
| 14                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                                  |                       |            |
| 16                                                                                                                         |      | 340      | -      |           |        |                                                                                                                                                                  |                                                                  |                       |            |
| 18                                                                                                                         | CL   | 240      | -      |           |        |                                                                                                                                                                  | Buff Limestone(2')                                               |                       |            |
| 20                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  | Limestone- with inbedded sand.                                   |                       |            |
| 22                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                                  |                       |            |
| 24                                                                                                                         | CL   | 200      | -      |           |        |                                                                                                                                                                  |                                                                  |                       |            |
| 26                                                                                                                         | SM   |          |        |           |        |                                                                                                                                                                  |                                                                  |                       |            |
| 28                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  | Limestone-fine to medium grained, brown, sand, traces of gravel, |                       |            |
| 30                                                                                                                         |      | 680      |        |           |        |                                                                                                                                                                  | SAND - medium grain, brown, well sorted, medium grained,         |                       |            |
| 32                                                                                                                         | SM   |          |        |           |        |                                                                                                                                                                  |                                                                  |                       |            |
| 34                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                                  |                       |            |
| 36                                                                                                                         |      | 560      |        |           |        |                                                                                                                                                                  |                                                                  |                       |            |
| 38                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                                  |                       |            |
| 40                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                                  |                       |            |

<



|                                                                                                                            |      |          |        |           |        | BORING LOG - TMW 1                                                                                                                                               |                                                    |                       |            |
|----------------------------------------------------------------------------------------------------------------------------|------|----------|--------|-----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------|------------|
|                                                                                                                            |      |          |        |           |        | (Page 2 of 3)                                                                                                                                                    |                                                    |                       |            |
| SITE ASSESSMENT REPORT<br>Earthstone Energy, LLC<br>Diamondback 24-25 CTB<br>Eddy County, New Mexico<br>Project No. 226700 |      |          |        |           |        | Date Drilled : 06/13/2023<br>Hole Diameter : 6 1/4 in<br>Drilling Method : Air Rotary<br>Company Rep : Jeff Kindley<br>Latitude / Longitude :<br>Well Diameter : |                                                    |                       |            |
| Depth in Feet                                                                                                              | USCS | Field CL | Lab CL | Lithology | Sample | Water Level                                                                                                                                                      | Sample Legend                                      | Water Levels          | Well: TMW1 |
|                                                                                                                            |      |          |        |           |        |                                                                                                                                                                  | <div>Soil Sample</div> <div>NS - Not Sampled</div> | <div>&gt;110 ft</div> |            |
| DESCRIPTION                                                                                                                |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 40                                                                                                                         | SM   | 405      |        |           |        |                                                                                                                                                                  | SANDY CLAY- tan,brown                              |                       |            |
| 42                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 44                                                                                                                         |      | 108      |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 46                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 48                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 50                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 52                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 54                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 56                                                                                                                         | SC   |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 58                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 60                                                                                                                         |      | 100      |        |           |        |                                                                                                                                                                  |                                                    |                       | 2" PVC     |
| 62                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 64                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 66                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 68                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  | SANDY CLAY-Red.                                    |                       |            |
| 70                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 72                                                                                                                         | SC   |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 74                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 76                                                                                                                         | CL   | Conflict |        |           |        |                                                                                                                                                                  | Red Clay                                           |                       |            |
| 78                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 80                                                                                                                         | SC   |          |        |           |        |                                                                                                                                                                  | CLAYEY SAND-Red/brown                              |                       |            |
|                                                                                                                            |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |

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06-26-2023 P:\2022 PROJECTS\EARTHSTONE ENERGY\SC226700 Diamondback 24-25 CTB\ - Figures\Boring Log\TMW1.bor

| SITE ASSESSMENT REPORT<br>Earthstone Energy, LLC<br>Diamondback 24-25 CTB<br>Eddy County, New Mexico<br>Project No. 226700 |      |          |        |           |        | BORING LOG - TMW 1<br>(Page 3 of 3)                                                                                                                              |                                                    |                       |            |
|----------------------------------------------------------------------------------------------------------------------------|------|----------|--------|-----------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------|------------|
|                                                                                                                            |      |          |        |           |        | Date Drilled : 06/13/2023<br>Hole Diameter : 6 1/4 in<br>Drilling Method : Air Rotary<br>Company Rep : Jeff Kindley<br>Latitude / Longitude :<br>Well Diameter : |                                                    |                       |            |
| Depth in Feet                                                                                                              | USCS | Field CL | Lab CL | Lithology | Sample | Water Level                                                                                                                                                      | Sample Legend                                      | Water Levels          | Well: TMW1 |
|                                                                                                                            |      |          |        |           |        |                                                                                                                                                                  | <div>Soil Sample</div> <div>NS - Not Sampled</div> | <div>&gt;110 ft</div> |            |
| DESCRIPTION                                                                                                                |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 80                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  | SANDY CLAY-Red/brown                               |                       |            |
| 82                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 84                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 86                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 88                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 90                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 92                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 94                                                                                                                         | SC   |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 96                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 98                                                                                                                         |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 100                                                                                                                        | CL   |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 102                                                                                                                        |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 104                                                                                                                        |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 106                                                                                                                        |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 108                                                                                                                        |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 110                                                                                                                        |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 112                                                                                                                        |      |          |        |           |        |                                                                                                                                                                  | Clay-Red,dry,<br>Boring Terminated                 |                       |            |
| 114                                                                                                                        |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 116                                                                                                                        |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 118                                                                                                                        |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |
| 120                                                                                                                        |      |          |        |           |        |                                                                                                                                                                  |                                                    |                       |            |

Bentonite

2" PVC

Sand Pack (8/16)

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## **APPENDIX B: PHOTOGRAPHIC LOG**

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# PHOTOGRAPHIC LOG

## Earthstone Diamondback 24-25 Fed Com CTB

### Photograph No. 1

**Facility:** Diamondback 24-25 CTB

**County:** Lea

**Description:**

Review of release.



### Photograph No. 2

**Facility:** Diamondback 24-25 CTB

**County:** Lea

**Description:**

Review of release.



## PHOTOGRAPHIC LOG

## Earthstone Diamondback 24-25 Fed Com CTB

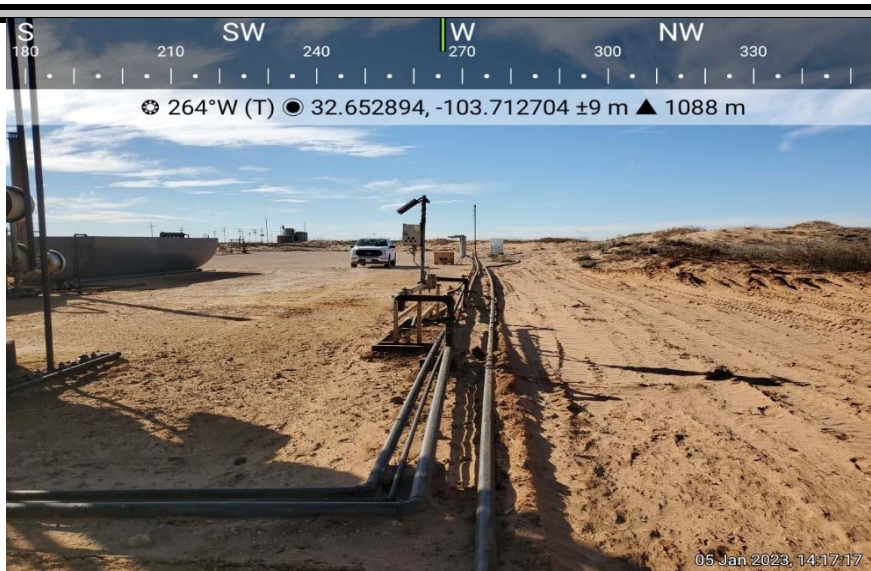
## Photograph No. 3

Facility: Diamondback 24-25 CTB

County: Lea

## Description:

Review of release.



## Photograph No. 4

Facility: Diamondback 24-25 CTB

County: Lea

## Description:

Review of release.





## PHOTOGRAPHIC LOG

## Earthstone Diamondback 24-25 Fed Com CTB

## Photograph No. 5

Facility: Diamondback 24-25 CTB

County: Lea

## Description:

Review of release.



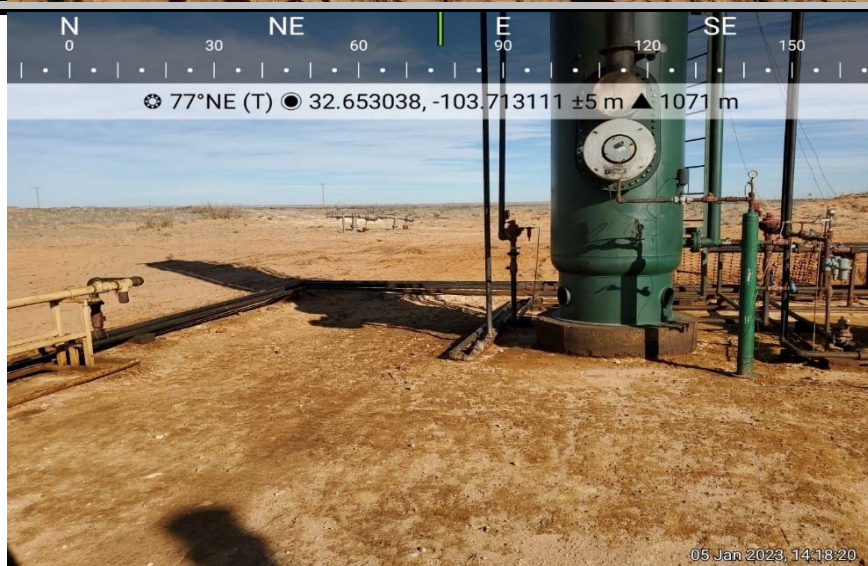
## Photograph No. 6

Facility: Diamondback 24-25 CTB

County: Lea

## Description:

Review of release.



## PHOTOGRAPHIC LOG

## Earthstone Diamondback 24-25 Fed Com CTB

## Photograph No. 7

Facility: Diamondback 24-25 CTB

County: Lea

## Description:

Review of release.



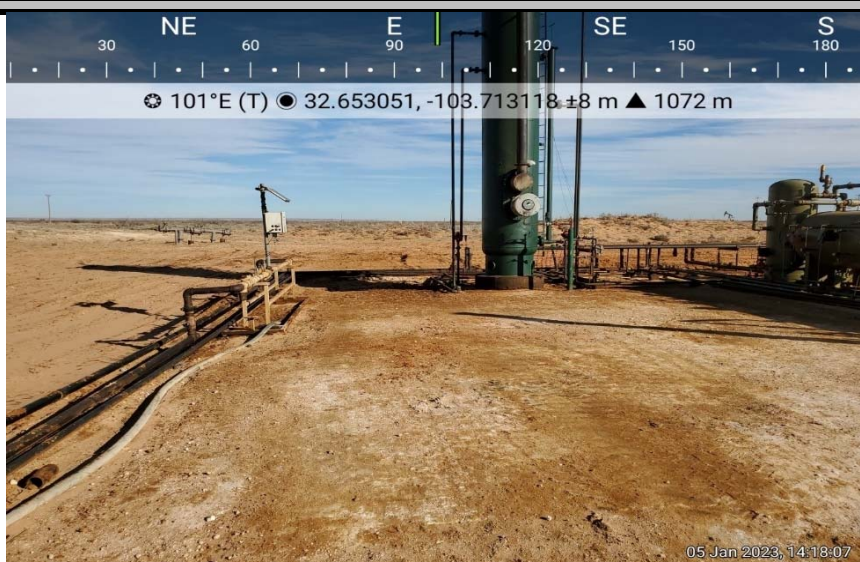
## Photograph No. 8

Facility: Diamondback 24-25 CTB

County: Lea

## Description:

Review of release.





## **APPENDIX C: LABORATORY ANALYTICAL REPORTS AND CHAIN- OF-CUSTODY DOCUMENTATION**

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Environment Testing

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# 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

**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**

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

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

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

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

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## 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.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| α              | 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                                                                                       |

Eurofins Carlsbad

## 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.

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## 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')

Lab Sample ID: 890-3780-1

Date Collected: 01/05/23 00:00

Matrix: Solid

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 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')

Lab Sample ID: 890-3780-2

Date Collected: 01/05/23 00:00

Matrix: Solid

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 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       |

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## 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')

Lab Sample ID: 890-3780-2

Date Collected: 01/05/23 00:00

Matrix: Solid

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 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')

Lab Sample ID: 890-3780-3

Date Collected: 01/05/23 00:00

Matrix: Solid

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 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       |

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## 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

Date Collected: 01/05/23 00:00

Matrix: Solid

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 |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil 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

Date Collected: 01/05/23 00:00

Matrix: Solid

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       |
| Oil 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       |

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## 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')

Lab Sample ID: 890-3780-5

Date Collected: 01/05/23 00:00

Matrix: Solid

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 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')

Lab Sample ID: 890-3780-6

Date Collected: 01/05/23 00:00

Matrix: Solid

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 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       |

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## 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')

Lab Sample ID: 890-3780-6

Date Collected: 01/05/23 00:00

Matrix: Solid

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 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')

Lab Sample ID: 890-3780-7

Date Collected: 01/05/23 00:00

Matrix: Solid

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 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       |

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## 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')

Lab Sample ID: 890-3780-7

Date Collected: 01/05/23 00:00

Matrix: Solid

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 |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil 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')

Lab Sample ID: 890-3780-8

Date Collected: 01/05/23 00:00

Matrix: Solid

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                     | 0.0437    |           | 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       |
| Oil 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       |

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## 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')

Lab Sample ID: 890-3780-9

Date Collected: 01/05/23 00:00

Matrix: Solid

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 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')

Lab Sample ID: 890-3780-10

Date Collected: 01/05/23 00:00

Matrix: Solid

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 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       |

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## 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

Date Collected: 01/05/23 00:00

Matrix: Solid

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

Date Collected: 01/05/23 00:00

Matrix: Solid

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       |

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## 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

Date Collected: 01/05/23 00:00

Matrix: Solid

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 |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil 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

Date Collected: 01/05/23 00:00

Matrix: Solid

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       |
| Oil 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       |

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## 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

Date Collected: 01/05/23 00:00

Matrix: Solid

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

Date Collected: 01/05/23 00:00

Matrix: Solid

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       |

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## 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

Date Collected: 01/05/23 00:00

Matrix: Solid

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

Date Collected: 01/05/23 00:00

Matrix: Solid

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       |

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## 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

Date Collected: 01/05/23 00:00

Matrix: Solid

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 |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil 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

Date Collected: 01/05/23 00:00

Matrix: Solid

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       |
| Oil 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       |

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## 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

Date Collected: 01/05/23 00:00

Matrix: Solid

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

Date Collected: 01/05/23 00:00

Matrix: Solid

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       |

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## 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

Date Collected: 01/05/23 00:00

Matrix: Solid

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

Date Collected: 01/05/23 00:00

Matrix: Solid

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       |

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## 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

Date Collected: 01/05/23 00:00

Matrix: Solid

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 |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil 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

Date Collected: 01/05/23 00:00

Matrix: Solid

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       |
| Oil 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       |

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## 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

| Lab Sample ID      | Client Sample ID       | Percent Surrogate Recovery (Acceptance Limits) |                   |
|--------------------|------------------------|------------------------------------------------|-------------------|
|                    |                        | BFB1<br>(70-130)                               | DFBZ1<br>(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

| Lab Sample ID  | Client Sample ID | Percent Surrogate Recovery (Acceptance Limits) |                   |
|----------------|------------------|------------------------------------------------|-------------------|
|                |                  | 1CO1<br>(70-130)                               | OTPH1<br>(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                |

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# Surrogate Summary

Client: NT Global

Job ID: 890-3780-1

Project/Site: Diamondback 24-25 Fed Com Battery

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<br>(70-130)                               | OTPH1<br>(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

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## 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    |

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## 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 | 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       |

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## 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 | 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    |

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## 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<br>%Recovery | LCSD<br>Qualifier | Limits   |
|-----------------------------|-------------------|-------------------|----------|
| 4-Bromofluorobenzene (Surr) | 106               |                   | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 104               |                   | 70 - 130 |

Lab Sample ID: 890-3817-A-4-D MS

Matrix: Solid

Analysis Batch: 43866

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 43832

| Analyte             | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>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<br>%Recovery | MS<br>Qualifier | Limits   |
|-----------------------------|-----------------|-----------------|----------|
| 4-Bromofluorobenzene (Surr) | 121             |                 | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 100             |                 | 70 - 130 |

Lab Sample ID: 890-3817-A-4-E MSD

Matrix: Solid

Analysis Batch: 43866

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 43832

| Analyte             | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>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<br>%Recovery | MSD<br>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

Matrix: Solid

Analysis Batch: 43779

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43744

| Analyte                              | MB<br>Result | MB<br>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<br>%Recovery | MB<br>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       |

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## 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

| Top Data: 10/10                         |                   |                   |                |                |                   |       |   |      |                |     |               |
|-----------------------------------------|-------------------|-------------------|----------------|----------------|-------------------|-------|---|------|----------------|-----|---------------|
| Analyte                                 |                   |                   | Spike<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limits |
| Gasoline Range Organics<br>(GRO)-C6-C10 |                   |                   | 1000           | 851.0          |                   | mg/Kg |   | 85   | 70 - 130       | 5   | 20            |
| Diesel Range Organics (Over<br>C10-C28) |                   |                   | 1000           | 864.4          |                   | mg/Kg |   | 86   | 70 - 130       | 8   | 20            |
| Surrogate                               | LCSD<br>%Recovery | LCSD<br>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       | Sample       | Spike    | MS     | MS        | Unit  | D | %Rec | %Rec     |  |  |
|--------------------------------------|--------------|--------------|----------|--------|-----------|-------|---|------|----------|--|--|
|                                      | Result       | Qualifier    | Added    | Result | Qualifier |       |   |      | 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 Limits |
|--------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|------------|
| 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    |            |               |       |   |      |             |     |            |

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## 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   | %Recovery | MSD<br>Qualifier | MSD<br>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<br>Result | MB<br>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<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>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<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | 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<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>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<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | 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<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|----------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|
| Chloride | 484              | F1                  | 251            | 653.6        | F1              | mg/Kg |   | 68   | 90 - 110       |

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## 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

Matrix: Solid

Analysis Batch: 43702

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 | 484           | F1               | 251         | 688.4      | F1            | mg/Kg |   | 82   | 90 - 110    | 5   | 20        |

Lab Sample ID: MB 880-44423/1-A

Matrix: Solid

Analysis Batch: 44568

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 |   |          | 01/24/23 03:32 | 1       |

Lab Sample ID: LCS 880-44423/2-A

Matrix: Solid

Analysis Batch: 44568

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| 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

Matrix: Solid

Analysis Batch: 44568

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         | 264.8       |                | mg/Kg |   | 106  | 90 - 110    | 0   | 20        |

Lab Sample ID: 890-3780-7 MS

Matrix: Solid

Analysis Batch: 44568

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

Prep Type: Soluble

| 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

Matrix: Solid

Analysis Batch: 44568

Client Sample ID: S-2 (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 | 1390          | F1               | 1260        | 3132       | F1            | mg/Kg |   | 139  | 90 - 110    | 6   | 20        |

Lab Sample ID: MB 880-44628/1-A

Matrix: Solid

Analysis Batch: 44685

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 |   |          | 01/24/23 23:16 | 1       |

Lab Sample ID: LCS 880-44628/2-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         | 267.7      |               | mg/Kg |   | 107  | 90 - 110    |

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## 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<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>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<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>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<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>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<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>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<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|----------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|----------------|-----|--------------|
| Chloride | 3040             | F1                  | 1250           | 4459          | F1               | mg/Kg |   | 113  | 90 - 110       | 0   | 20           |

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## 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      |

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## 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 |            |

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## 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      |

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## 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 |            |

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## 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      |

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## 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 |

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## 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 |

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## 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 |

Eurofins Carlsbad

## 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')

Lab Sample ID: 890-3780-11

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3780-12

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3780-13

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3780-14

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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 |

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## 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')

Lab Sample ID: 890-3780-14

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3780-15

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3780-16

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3780-17

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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 |

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## 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 |

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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

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- 13
- 14

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

Eurofins Carlsbad



## 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 |



Chain of Custody

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. Marientfield, 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 <input type="checkbox"/> PR <input type="checkbox"/> Brownfield <input type="checkbox"/> R <input type="checkbox"/> Super <input type="checkbox"/> |  |
| State of Project:                                                                                                                                                  |  |
| Reporting Level <input type="checkbox"/> Level <input type="checkbox"/> PST/UT <input type="checkbox"/> TR <input type="checkbox"/> L <input type="checkbox"/>     |  |
| Deliverables: EDC <input type="checkbox"/> ADAP <input type="checkbox"/> Other:                                                                                    |  |

|                       |                                   |                      |                                                               |                               |            |                  |           |           |   |   |   |   |   |   |   |   |                                                                   |                    |                                     |                            |                 |  |
|-----------------------|-----------------------------------|----------------------|---------------------------------------------------------------|-------------------------------|------------|------------------|-----------|-----------|---|---|---|---|---|---|---|---|-------------------------------------------------------------------|--------------------|-------------------------------------|----------------------------|-----------------|--|
| Project Name:         | Diamondback 24-25 Fed Com Battery |                      | Turn Around                                                   |                               | Pres. Code | ANALYSIS REQUEST |           |           |   |   |   |   |   |   |   |   |                                                                   | Preservative Codes |                                     |                            |                 |  |
| Project Number:       | 226700                            |                      | <input checked="" type="checkbox"/> Routine                   | <input type="checkbox"/> Rush |            |                  |           |           |   |   |   |   |   |   |   |   |                                                                   | None: NO           |                                     | DI Water: H <sub>2</sub> O |                 |  |
| Project Location:     | Lea County, NM                    |                      | Due Date:                                                     |                               |            |                  |           |           |   |   |   |   |   |   |   |   |                                                                   | Cool: Cool         |                                     | MeOH: Me                   |                 |  |
| Sampler's Name:       | Kellan Smith                      |                      | TAT starts the day received by the lab, if received by 4:30pm |                               |            |                  |           |           |   |   |   |   |   |   |   |   |                                                                   | HCL: HC            |                                     | HNO <sub>3</sub> : HN      |                 |  |
| PO #:                 |                                   |                      |                                                               |                               |            |                  |           |           |   |   |   |   |   |   |   |   | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>                   |                    | NaOH: Na                            |                            |                 |  |
| SAMPLE RECEIPT        |                                   |                      | Temp Blank:                                                   | Yes No                        | Wet Ice:   | Yes No           |           |           |   |   |   |   |   |   |   |   |                                                                   |                    | H <sub>2</sub> PO <sub>4</sub> : HP |                            |                 |  |
| Received Inact:       | Yes No                            | Thermometer ID:      | TAN-007                                                       |                               |            |                  |           |           |   |   |   |   |   |   |   |   | NaHSO <sub>4</sub> : NABIS                                        |                    |                                     |                            |                 |  |
| Cooler Custody Seals: | Yes No                            | Correction Factor:   | -0.02                                                         |                               |            |                  |           |           |   |   |   |   |   |   |   |   | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |                    |                                     |                            |                 |  |
| Sample Custody Seals: | Yes No                            | Temperature Reading: | 1.2                                                           |                               |            |                  |           |           |   |   |   |   |   |   |   |   | Zn Acetate+NaOH: Zn                                               |                    |                                     |                            |                 |  |
| Total Containers:     |                                   |                      | Corrected Temperature:                                        |                               |            |                  |           |           |   |   |   |   |   |   |   |   | NaOH+Ascorbic Acid: SAPC                                          |                    |                                     |                            |                 |  |
| Sample Identification |                                   |                      | Date                                                          | Time                          | Soil       | Water            | Grab/Comp | # of Cont |   |   |   |   |   |   |   |   |                                                                   |                    |                                     |                            | Sample Comments |  |
| S-1 (0-0.5')          |                                   |                      | 1/5/2023                                                      |                               | X          |                  | Grab      |           | X | X | X | X | X | X | X | X |                                                                   |                    |                                     |                            |                 |  |
| S-1 (1-1.5')          |                                   |                      | 1/5/2023                                                      |                               | X          |                  | Grab      |           | X | X | X | X | X | X | X | X |                                                                   |                    |                                     |                            |                 |  |
| S-1 (2-2.5')          |                                   |                      | 1/5/2023                                                      |                               | X          |                  | Grab      |           | X | X | X | X | X | X | X | X |                                                                   |                    |                                     |                            |                 |  |
| S-1 (3-3.5')          |                                   |                      | 1/5/2023                                                      |                               | X          |                  | Grab      |           | X | X | X | X | X | X | X | X |                                                                   |                    |                                     |                            |                 |  |
| S-1 (4-4.5')          |                                   |                      | 1/5/2023                                                      |                               | X          |                  | Grab      |           | X | X | X | X | X | X | X | X |                                                                   |                    |                                     |                            |                 |  |
| S-1 (5-5.5')          |                                   |                      | 1/5/2023                                                      |                               | X          |                  | Grab      |           | X | X | X | X | X | X | X | X |                                                                   |                    |                                     |                            |                 |  |
| S-2 (0-0.5')          |                                   |                      | 1/5/2023                                                      |                               | X          |                  | Grab      |           | X | X | X | X | X | X | X | X |                                                                   |                    |                                     |                            |                 |  |
| S-2 (1-1.5')          |                                   |                      | 1/5/2023                                                      |                               | X          |                  | Grab      |           | X | X | X | X | X | X | X | X |                                                                   |                    |                                     |                            |                 |  |
| S-2 (2-2.5')          |                                   |                      | 1/5/2023                                                      |                               | X          |                  | Grab      |           | X | X | X | X | X | X | X | X |                                                                   |                    |                                     |                            |                 |  |
| S-2 (3-3.5')          |                                   |                      | 1/5/2023                                                      |                               | X          |                  | Grab      |           | X | X | X | X | X | 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 |
|                              |                          | 1-6-23 1608 |                              |                          |           |
|                              |                          |             |                              |                          |           |
|                              |                          |             |                              |                          |           |
|                              |                          |             |                              |                          |           |
|                              |                          |             |                              |                          |           |



Chain of Custody

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. Marientfeld, 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 <input type="checkbox"/> PR <input type="checkbox"/> Brownfield <input type="checkbox"/> R <input type="checkbox"/> Super <input type="checkbox"/> |  |
| State of Project:                                                                                                                                                  |  |
| Reporting Level: <input type="checkbox"/> Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> L <input type="checkbox"/>     |  |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                   |  |

|                       |                                   |             |                                                                           |            |                  |    |  |  |  |  |  |  |  |  |                    |                                                                   |                                     |  |
|-----------------------|-----------------------------------|-------------|---------------------------------------------------------------------------|------------|------------------|----|--|--|--|--|--|--|--|--|--------------------|-------------------------------------------------------------------|-------------------------------------|--|
| Project Name:         | Diamondback 24-25 Fed Com Battery | Turn Around | <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush | Pres. Code | ANALYSIS REQUEST |    |  |  |  |  |  |  |  |  | Preservative Codes |                                                                   |                                     |  |
| Project Number:       | 226700                            | Due Date:   | TAT starts the day received by the lab, if received by 4:30pm             |            |                  |    |  |  |  |  |  |  |  |  |                    | None: NO                                                          | DI Water: H <sub>2</sub> O          |  |
| Project Location:     | Lea County, NM                    |             |                                                                           |            |                  |    |  |  |  |  |  |  |  |  |                    | Cool: Cool                                                        | MeOH: Me                            |  |
| Sampler's Name:       | Kellan Smith                      |             |                                                                           |            |                  |    |  |  |  |  |  |  |  |  |                    | HCL: HC                                                           | HNO <sub>3</sub> : HN               |  |
| PO #:                 |                                   |             |                                                                           |            |                  |    |  |  |  |  |  |  |  |  |                    | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>                   | NaOH: Na                            |  |
| SAMPLE RECEIPT        | Temp Blank:                       | Yes         | No                                                                        | Wet Ice:   | Yes              | No |  |  |  |  |  |  |  |  |                    |                                                                   | H <sub>3</sub> PO <sub>4</sub> : HP |  |
| Received In tact:     | Yes                               | No          | Thermometer:                                                              | Yes        | No               |    |  |  |  |  |  |  |  |  |                    |                                                                   | NaHSO <sub>4</sub> : NABIS          |  |
| Cooler Custody Seals: | Yes                               | No          | Correction Factor:                                                        |            |                  |    |  |  |  |  |  |  |  |  |                    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |                                     |  |
| Sample Custody Seals: | Yes                               | No          | Temperature Reading:                                                      |            |                  |    |  |  |  |  |  |  |  |  |                    | Zn Acetate+NaOH: Zn                                               |                                     |  |
| Total Containers:     |                                   |             | Corrected Temperature:                                                    |            |                  |    |  |  |  |  |  |  |  |  |                    | NaOH+Ascorbic Acid: SAPC                                          |                                     |  |

| Sample Identification | Date     | Time | Soil | Water | Grab/<br>Comp | # of<br>Cont | TPH |   |   |   |  |  |  |  |  |  | Sample Comments |  |  |
|-----------------------|----------|------|------|-------|---------------|--------------|-----|---|---|---|--|--|--|--|--|--|-----------------|--|--|
| S-2 (4-4.5')          | 1/5/2023 |      | X    |       | Grab          |              | X   | X | X | X |  |  |  |  |  |  |                 |  |  |
| S-2 (5-5.5')          | 1/5/2023 |      | X    |       | Grab          |              | X   | X | X | X |  |  |  |  |  |  |                 |  |  |
| H-1 (0-0.5')          | 1/5/2023 |      | X    |       | Grab          |              | X   | X | X | X |  |  |  |  |  |  |                 |  |  |
| H-2 (0-0.5')          | 1/5/2023 |      | X    |       | Grab          |              | X   | X | X | X |  |  |  |  |  |  |                 |  |  |
| H-3 (0-0.5')          | 1/5/2023 |      | X    |       | Grab          |              | X   | X | X | X |  |  |  |  |  |  |                 |  |  |
| H-4 (0-0.5')          | 1/5/2023 |      | X    |       | Grab          |              | X   | X | X | X |  |  |  |  |  |  |                 |  |  |
| H-5 (0-0.5')          | 1/5/2023 |      | X    |       | Grab          |              | X   | X | X | X |  |  |  |  |  |  |                 |  |  |
| H-6 (0-0.5')          | 1/5/2023 |      | X    |       | Grab          |              | X   | X | X | X |  |  |  |  |  |  |                 |  |  |
| H-7 (0-0.5')          | 1/5/2023 |      | X    |       | Grab          |              | X   | X | X | X |  |  |  |  |  |  |                 |  |  |
| H-8 (0-0.5')          | 1/5/2023 |      | X    |       | Grab          |              | X   | 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 \$35.00 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 |
| <i>[Signature]</i>           | <i>[Signature]</i>       | 1-6-23 1608 |                              |                          |           |
| 3                            |                          | 4           |                              |                          |           |
| 5                            |                          | 6           |                              |                          |           |

## 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    |         |





Environment Testing

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# 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

**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**

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

Generated  
1/27/2023 7:40:18 AM  
Revision 1

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

Laboratory Job ID: 890-3781-1  
SDG: 226700

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## 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.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| α              | 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                                                                                       |

Eurofins Carlsbad

## 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')

Lab Sample ID: 890-3781-1

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

Sample Depth: 0 - 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 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')

Lab Sample ID: 890-3781-2

Date Collected: 01/05/23 00:00

Matrix: Solid

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 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       |

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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-3 (1-1.5')

Lab Sample ID: 890-3781-2

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

Sample Depth: 1 - 1.5

## 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 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')

Lab Sample ID: 890-3781-3

Date Collected: 01/05/23 00:00

Matrix: Solid

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             | <0.00199 | 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       |

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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-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 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')

Date Collected: 01/05/23 00:00

Date Received: 01/06/23 16:08

Sample Depth: 3 - 3.5

## Lab Sample ID: 890-3781-4

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 |   | 01/12/23 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       |

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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-3 (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: 890-3781-4

Matrix: Solid

## 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')

Date Collected: 01/05/23 00:00

Date Received: 01/06/23 16:08

Sample Depth: 4 - 4.5

## Lab Sample ID: 890-3781-5

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 |   | 01/12/23 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       |

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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-3 (5-5.5')

Lab Sample ID: 890-3781-6

Date Collected: 01/05/23 00:00

Matrix: Solid

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

Date Collected: 01/05/23 00:00

Matrix: Solid

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       |

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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 (0-0.5')

Lab Sample ID: 890-3781-7

Date Collected: 01/05/23 00:00

Matrix: Solid

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

Date Collected: 01/05/23 00:00

Matrix: Solid

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              |
| <b>Surrogate</b>            | <b>%Recovery</b> | <b>Qualifier</b> | <b>Limits</b> |     |       |   | <b>Prepared</b> | <b>Analyzed</b> | <b>Dil Fac</b> |
| 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       |

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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 (1-1.5')

Lab Sample ID: 890-3781-8

Date Collected: 01/05/23 00:00

Matrix: Solid

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

Date Collected: 01/05/23 00:00

Matrix: Solid

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       |

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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 (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: 890-3781-9

Matrix: Solid

| 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')

Date Collected: 01/05/23 00:00

Date Received: 01/06/23 16:08

Sample Depth: 3 - 3.5

## Lab Sample ID: 890-3781-10

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 |   | 01/12/23 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       |

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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 (4-5')

Lab Sample ID: 890-3781-11

Date Collected: 01/05/23 00:00

Matrix: Solid

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

Date Collected: 01/05/23 00:00

Matrix: Solid

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

Date Collected: 01/05/23 00:00

Matrix: Solid

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

Date Collected: 01/05/23 00:00

Matrix: Solid

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')

Date Collected: 01/05/23 00:00

Date Received: 01/06/23 16:08

Sample Depth: 0 - 1

## Lab Sample ID: 890-3781-13

Matrix: Solid

## 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')

Date Collected: 01/05/23 00:00

Date Received: 01/06/23 16:08

Sample Depth: 1 - 1.5

## Lab Sample ID: 890-3781-14

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 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       |

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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 (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: 890-3781-14

Matrix: Solid

## 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')

Date Collected: 01/05/23 00:00

Date Received: 01/06/23 16:08

Sample Depth: 2 - 2.5

## Lab Sample ID: 890-3781-15

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 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       |

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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 (3-3.5')

Lab Sample ID: 890-3781-16

Date Collected: 01/05/23 00:00

Matrix: Solid

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

Date Collected: 01/05/23 00:00

Matrix: Solid

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       |

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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 (4-4.5')

Lab Sample ID: 890-3781-17

Date Collected: 01/05/23 00:00

Matrix: Solid

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

Date Collected: 01/05/23 00:00

Matrix: Solid

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       |

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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 (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: 890-3781-18

Matrix: Solid

## 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')

Date Collected: 01/05/23 00:00

Date Received: 01/06/23 16:08

Sample Depth: 0 - 1

## Lab Sample ID: 890-3781-19

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 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       |

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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 (0-0.5')

Date Collected: 01/05/23 00:00

Date Received: 01/06/23 16:08

Sample Depth: 0 - 1

## Lab Sample ID: 890-3781-19

Matrix: Solid

## 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')

Date Collected: 01/05/23 00:00

Date Received: 01/06/23 16:08

Sample Depth: 1 - 1.5

## Lab Sample ID: 890-3781-20

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 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       |

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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 (2-2.5')

Lab Sample ID: 890-3781-21

Date Collected: 01/05/23 00:00

Matrix: Solid

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

Date Collected: 01/05/23 00:00

Matrix: Solid

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')

Lab Sample ID: 890-3781-22

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

Sample Depth: 3 - 3.5

## 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')

Lab Sample ID: 890-3781-23

Date Collected: 01/05/23 00:00

Matrix: Solid

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             | <0.00199 | 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')

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 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')

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: 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       |

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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 (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       |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

## 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                                           | DFBZ1    |
|                      |                        | (70-130)                                       | (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)

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# 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<br>(70-130)                               | OTPH1<br>(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

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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)

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

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 |
|---------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| 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

Matrix: Solid

Analysis Batch: 43866

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

Prep Type: Total/NA

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

Matrix: Solid

Analysis Batch: 43866

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

Prep Type: Total/NA

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

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 |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| 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       |

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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: MB 880-43675/5-A

Matrix: Solid

Analysis Batch: 43697

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43675

| Analyte        | MB<br>Result | MB<br>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<br>%Recovery | MB<br>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<br>Result | MB<br>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<br>%Recovery | MB<br>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<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>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<br>%Recovery | LCS<br>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<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | 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    |

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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)

| Surrogate                   | LCSD<br>%Recovery | LCSD<br>Qualifier | Limits   |
|-----------------------------|-------------------|-------------------|----------|
| 4-Bromofluorobenzene (Surr) | 90                |                   | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 103               |                   | 70 - 130 |

Lab Sample ID: 890-3815-A-3-D MS

Matrix: Solid

Analysis Batch: 43697

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 43731

| Analyte             | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>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<br>%Recovery | MS<br>Qualifier | Limits   |
|-----------------------------|-----------------|-----------------|----------|
| 4-Bromofluorobenzene (Surr) | 94              |                 | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 101             |                 | 70 - 130 |

Lab Sample ID: 890-3815-A-3-E MSD

Matrix: Solid

Analysis Batch: 43697

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 43731

| Analyte             | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>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<br>%Recovery | MSD<br>Qualifier | Limits   |
|-----------------------------|------------------|------------------|----------|
| 4-Bromofluorobenzene (Surr) | 98               |                  | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 83               |                  | 70 - 130 |

Lab Sample ID: MB 880-43798/5-A

Matrix: Solid

Analysis Batch: 43790

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43798

| Analyte             | MB<br>Result | MB<br>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<br>%Recovery | MB<br>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       |

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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: 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        |

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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: 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 |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| 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

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        |

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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)

| Surrogate                   | LCSD      |           | Limits   |
|-----------------------------|-----------|-----------|----------|
|                             | %Recovery | Qualifier |          |
| 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     |           | RL   | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|--------|-----------|------|-----|-------|---|----------------|----------------|---------|
|                                      | Result | Qualifier |      |     |       |   |                |                |         |
| 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        |           | Limits   | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|-----------|----------|----------------|----------------|---------|
|                | %Recovery | Qualifier |          |                |                |         |
| 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       |           | Limits   |
|----------------|-----------|-----------|----------|
|                | %Recovery | Qualifier |          |
| 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      |           | Limits   |
|----------------|-----------|-----------|----------|
|                | %Recovery | Qualifier |          |
| 1-Chlorooctane | 101       |           | 70 - 130 |
| o-Terphenyl    | 85        |           | 70 - 130 |

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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: 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    |

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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: 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

|                | LCS<br>%Recovery | LCS<br>Qualifier | Limits   |
|----------------|------------------|------------------|----------|
| Surrogate      |                  |                  |          |
| 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<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>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           |

|                | LCSD<br>%Recovery | LCSD<br>Qualifier | Limits   |
|----------------|-------------------|-------------------|----------|
| Surrogate      |                   |                   |          |
| 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<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|--------------------------------------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|-----|--------------|
| 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       |     |              |

|                | MS<br>%Recovery | MS<br>Qualifier | Limits   |
|----------------|-----------------|-----------------|----------|
| Surrogate      |                 |                 |          |
| 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<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>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           |

|                | MSD<br>%Recovery | MSD<br>Qualifier | Limits   |
|----------------|------------------|------------------|----------|
| Surrogate      |                  |                  |          |
| 1-Chlorooctane | 106              |                  | 70 - 130 |
| o-Terphenyl    | 103              |                  | 70 - 130 |

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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: 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<br>Result | MB<br>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<br>Added | LCS<br>Result | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>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<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>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<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>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<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>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<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>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<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>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<br>Result | MB<br>Qualifier | RL   | MDL | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------------|-----------------|------|-----|-------|---|----------|----------------|---------|
| Chloride | <5.00        | U               | 5.00 |     | mg/Kg |   |          | 01/13/23 04:53 | 1       |

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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: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-43630/2-A

Matrix: Solid

Analysis Batch: 43705

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| 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

Matrix: Solid

Analysis Batch: 43705

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         | 259.3       |                | mg/Kg |   | 104  | 90 - 110    | 5   | 20        |

Lab Sample ID: 880-23426-A-11-C MS

Matrix: Solid

Analysis Batch: 43705

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 | 263           | F1               | 251         | 527.4     |              | mg/Kg |   | 106  | 90 - 110    |

Lab Sample ID: 880-23426-A-11-D MSD

Matrix: Solid

Analysis Batch: 43705

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 | 263           | F1               | 251         | 545.4      | F1            | mg/Kg |   | 113  | 90 - 110    | 3   | 20        |

Lab Sample ID: MB 880-44423/1-A

Matrix: Solid

Analysis Batch: 44568

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 |   |          | 01/24/23 03:32 | 1       |

Lab Sample ID: LCS 880-44423/2-A

Matrix: Solid

Analysis Batch: 44568

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| 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

Matrix: Solid

Analysis Batch: 44568

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         | 264.8       |                | mg/Kg |   | 106  | 90 - 110    | 0   | 20        |

Lab Sample ID: 890-3781-5 MS

Matrix: Solid

Analysis Batch: 44568

Client Sample ID: S-3 (4-4.5')

Prep Type: Soluble

| 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    |

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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: 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        |

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## 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      |

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## 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   |            |

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## QC Association Summary

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

Job ID: 890-3781-1  
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## 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 |            |

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## 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      |

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## 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 |            |

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## 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      |

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## 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 |            |

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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')

Lab Sample ID: 890-3781-1

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3781-2

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3781-3

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3781-4

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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 |

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## 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 |

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## 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 |

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## 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')

Lab Sample ID: 890-3781-11

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3781-12

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3781-13

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3781-14

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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 |

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## 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')

Lab Sample ID: 890-3781-14

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3781-15

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3781-16

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3781-17

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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 |

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## 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 |

Eurofins Carlsbad

## 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')

Lab Sample ID: 890-3781-21

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3781-22

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3781-23

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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')

Lab Sample ID: 890-3781-24

Date Collected: 01/05/23 00:00

Matrix: Solid

Date Received: 01/06/23 16:08

| 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 |

Eurofins Carlsbad



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

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- 2
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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      |

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- 14

## 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 |



Chain of Custody

Work Order No: \_\_\_\_\_

Page 1 of 3

|                  |                      |                         |                               |
|------------------|----------------------|-------------------------|-------------------------------|
| 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. Marlenfeld, 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 <input type="checkbox"/> PR <input type="checkbox"/> Brownfield <input type="checkbox"/> R <input type="checkbox"/> Super <input type="checkbox"/> |  |
| State of Project:                                                                                                                                                  |  |
| Reporting Level: <input type="checkbox"/> Level <input type="checkbox"/> PST/UT <input type="checkbox"/> TR <input type="checkbox"/> L <input type="checkbox"/>    |  |
| Deliverables: EDO <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                   |  |

|                       |                                                                     |                                                                     |                                                                           |                                                                     |                  |           |                              |  |  |  |  |  |  |  |  |  |                                                                   |                            |
|-----------------------|---------------------------------------------------------------------|---------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------|------------------|-----------|------------------------------|--|--|--|--|--|--|--|--|--|-------------------------------------------------------------------|----------------------------|
| Project Name:         | Diamondback 24-25 Fed Com Battery                                   |                                                                     | Turn Around                                                               | Pres. Code                                                          | ANALYSIS REQUEST |           |                              |  |  |  |  |  |  |  |  |  | Preservative Codes                                                |                            |
| Project Number:       | 226700                                                              |                                                                     | <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush |                                                                     |                  |           |                              |  |  |  |  |  |  |  |  |  | None: NO                                                          | DI Water: H <sub>2</sub> O |
| Project Location:     | Lea County, NM                                                      |                                                                     | Due Date:                                                                 |                                                                     |                  |           |                              |  |  |  |  |  |  |  |  |  | Cool: Cool                                                        | MeOH: Me                   |
| Sampler's Name:       | Kellan Smith                                                        |                                                                     | TAT starts the day received by the lab, if received by 4:30pm             |                                                                     |                  |           |                              |  |  |  |  |  |  |  |  |  | HCL: HC                                                           | HNO <sub>3</sub> : HN      |
| PO #                  |                                                                     |                                                                     |                                                                           |                                                                     |                  |           |                              |  |  |  |  |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>                   | NaOH: Na                   |
| SAMPLE RECEIPT        | Temp Blank:                                                         | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Wet Ice:                                                                  | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |                  |           |                              |  |  |  |  |  |  |  |  |  | H <sub>3</sub> PO <sub>4</sub> : HP                               |                            |
| Received In tact:     | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Thermometer ID:                                                     |                                                                           |                                                                     |                  |           |                              |  |  |  |  |  |  |  |  |  | NaHSO <sub>4</sub> : NABIS                                        |                            |
| Cooler Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Correction Factor:                                                  |                                                                           |                                                                     |                  |           |                              |  |  |  |  |  |  |  |  |  | Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> |                            |
| Sample Custody Seals: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Temperature Reading:                                                |                                                                           |                                                                     |                  |           |                              |  |  |  |  |  |  |  |  |  | Zn Acetate+NaOH: Zn                                               |                            |
| Total Containers:     |                                                                     | Corrected Temperature:                                              |                                                                           |                                                                     |                  |           |                              |  |  |  |  |  |  |  |  |  | NaOH+Ascorbic Acid: SAPC                                          |                            |
| Sample Identification | Date                                                                | Time                                                                | Soil                                                                      | Water                                                               | Grab/Comp        | # of Cont | Parameters                   |  |  |  |  |  |  |  |  |  | Sample Comments                                                   |                            |
| S-3 (0-0.5')          | 1/5/2023                                                            |                                                                     | X                                                                         |                                                                     | Grab             |           | BTEX 8021B                   |  |  |  |  |  |  |  |  |  |                                                                   |                            |
| S-3 (1-1.5')          | 1/5/2023                                                            |                                                                     | X                                                                         |                                                                     | Grab             |           | TPH 8015M ( GRO + DRO + MRO) |  |  |  |  |  |  |  |  |  |                                                                   |                            |
| S-3 (2-2.5')          | 1/5/2023                                                            |                                                                     | X                                                                         |                                                                     | Grab             |           | Chloride 4500                |  |  |  |  |  |  |  |  |  |                                                                   |                            |
| S-3 (3-3.5')          | 1/5/2023                                                            |                                                                     | X                                                                         |                                                                     | Grab             |           |                              |  |  |  |  |  |  |  |  |  |                                                                   |                            |
| S-3 (4-4.5')          | 1/5/2023                                                            |                                                                     | X                                                                         |                                                                     | Grab             |           |                              |  |  |  |  |  |  |  |  |  |                                                                   |                            |
| S-3 (5-5.5')          | 1/5/2023                                                            |                                                                     | X                                                                         |                                                                     | Grab             |           |                              |  |  |  |  |  |  |  |  |  |                                                                   |                            |
| S-4 (0-0.5')          | 1/5/2023                                                            |                                                                     | X                                                                         |                                                                     | Grab             |           |                              |  |  |  |  |  |  |  |  |  |                                                                   |                            |
| S-4 (1-1.5')          | 1/5/2023                                                            |                                                                     | X                                                                         |                                                                     | Grab             |           |                              |  |  |  |  |  |  |  |  |  |                                                                   |                            |
| S-4 (2-2.5')          | 1/5/2023                                                            |                                                                     | X                                                                         |                                                                     | Grab             |           |                              |  |  |  |  |  |  |  |  |  |                                                                   |                            |
| S-4 (3-3.5')          | 1/5/2023                                                            |                                                                     | X                                                                         |                                                                     | Grab             |           |                              |  |  |  |  |  |  |  |  |  |                                                                   |                            |

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 |
|                              |                          | 1-6-23 14:28 |                              |                          |           |
|                              |                          |              |                              |                          |           |
|                              |                          |              |                              |                          |           |
|                              |                          |              |                              |                          |           |
|                              |                          |              |                              |                          |           |





Chain of Custody

Work Order No: \_\_\_\_\_

Page 2 of 3

|                  |                      |                         |                               |
|------------------|----------------------|-------------------------|-------------------------------|
| 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. Marlenfeld, 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 <input type="checkbox"/> PR <input type="checkbox"/> Brownfields <input type="checkbox"/> R <input type="checkbox"/> Superfund <input type="checkbox"/> |  |
| State of Project:                                                                                                                                                       |  |
| Reporting Level: <input type="checkbox"/> Level <input type="checkbox"/> PST/UT <input type="checkbox"/> TR <input type="checkbox"/> L <input type="checkbox"/>         |  |
| Deliverables: EDC <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:                                                                                        |  |

| Project Name:         |  | Diamondback 24-25 Fed Com Battery |  | Turn Around                                                               |  | Pres. Code |  | ANALYSIS REQUEST |  |           |  |           |  |  |  |  |  |  |  | Preservative Codes                                                |                            |
|-----------------------|--|-----------------------------------|--|---------------------------------------------------------------------------|--|------------|--|------------------|--|-----------|--|-----------|--|--|--|--|--|--|--|-------------------------------------------------------------------|----------------------------|
| Project Number:       |  | 226700                            |  | <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush |  |            |  |                  |  |           |  |           |  |  |  |  |  |  |  | None: NO                                                          | DI Water: H <sub>2</sub> O |
| Project Location:     |  | Lea County, NM                    |  | Due Date:                                                                 |  |            |  |                  |  |           |  |           |  |  |  |  |  |  |  | Cool: Cool                                                        | MeOH: Me                   |
| Sampler's Name:       |  | Kellan Smith                      |  | TAT starts the day received by the lab, if received by 4:30pm             |  |            |  |                  |  |           |  |           |  |  |  |  |  |  |  | HCL: HC                                                           | HNO <sub>3</sub> : HN      |
| PO #                  |  |                                   |  |                                                                           |  |            |  |                  |  |           |  |           |  |  |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>                   | NaOH: Na                   |
| SAMPLE RECEIPT        |  | Temp Blank:                       |  | Yes No                                                                    |  | Well Ice:  |  | Yes No           |  |           |  |           |  |  |  |  |  |  |  | H <sub>3</sub> PO <sub>4</sub> : HP                               |                            |
| Received Inlet:       |  | Yes No                            |  | Thermometer ID:                                                           |  |            |  |                  |  |           |  |           |  |  |  |  |  |  |  | NaHSO <sub>4</sub> : NABIS                                        |                            |
| Cooler Custody Seals: |  | Yes No N/A                        |  | Correction Factor:                                                        |  |            |  |                  |  |           |  |           |  |  |  |  |  |  |  | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |                            |
| Sample Custody Seals: |  | Yes No N/A                        |  | Temperature Reading:                                                      |  |            |  |                  |  |           |  |           |  |  |  |  |  |  |  | Zn Acetate+NaOH: Zn                                               |                            |
| Total Containers:     |  |                                   |  | Corrected Temperature:                                                    |  |            |  |                  |  |           |  |           |  |  |  |  |  |  |  | NaOH+Ascorbic Acid: SAPC                                          |                            |
| Sample Identification |  | Date                              |  | Time                                                                      |  | Soil       |  | Water            |  | Grab/Comp |  | # of Cont |  |  |  |  |  |  |  | Sample Comments                                                   |                            |
| S-4 (4-4.5)           |  | 1/5/2023                          |  |                                                                           |  | X          |  | Grab             |  |           |  | X         |  |  |  |  |  |  |  |                                                                   |                            |
| S-4 (5-5.5)           |  | 1/5/2023                          |  |                                                                           |  | X          |  | Grab             |  |           |  | X         |  |  |  |  |  |  |  |                                                                   |                            |
| S-5 (0-0.5)           |  | 1/5/2023                          |  |                                                                           |  | X          |  | Grab             |  |           |  | X         |  |  |  |  |  |  |  |                                                                   |                            |
| S-5 (1-1.5)           |  | 1/5/2023                          |  |                                                                           |  | X          |  | Grab             |  |           |  | X         |  |  |  |  |  |  |  |                                                                   |                            |
| S-5 (2-2.5)           |  | 1/5/2023                          |  |                                                                           |  | X          |  | Grab             |  |           |  | X         |  |  |  |  |  |  |  |                                                                   |                            |
| S-5 (3-3.5)           |  | 1/5/2023                          |  |                                                                           |  | X          |  | Grab             |  |           |  | X         |  |  |  |  |  |  |  |                                                                   |                            |
| S-5 (4-4.5)           |  | 1/5/2023                          |  |                                                                           |  | X          |  | Grab             |  |           |  | X         |  |  |  |  |  |  |  |                                                                   |                            |
| S-5 (5-5.5)           |  | 1/5/2023                          |  |                                                                           |  | X          |  | Grab             |  |           |  | X         |  |  |  |  |  |  |  |                                                                   |                            |
| S-6 (0-0.5)           |  | 1/5/2023                          |  |                                                                           |  | X          |  | Grab             |  |           |  | X         |  |  |  |  |  |  |  |                                                                   |                            |
| S-6 (1-1.5)           |  | 1/5/2023                          |  |                                                                           |  | X          |  | Grab             |  |           |  | X         |  |  |  |  |  |  |  |                                                                   |                            |

Additional Comments:

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|                              |                          |             |                              |                          |           |
|------------------------------|--------------------------|-------------|------------------------------|--------------------------|-----------|
| Relinquished by: (Signature) | Received by: (Signature) | Date/Time   | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|                              |                          | 1-6-23 1608 |                              |                          |           |
|                              |                          |             |                              |                          |           |
|                              |                          |             |                              |                          |           |
|                              |                          |             |                              |                          |           |



## Chain of Custody

**Work Order No:** \_\_\_\_\_

Page 3 of 3

|                         |                      |                                |                               |
|-------------------------|----------------------|--------------------------------|-------------------------------|
| <b>Project Manager:</b> | Becky Haskell        | <b>Bill to: (if different)</b> | Chris Martin                  |
| <b>Company Name:</b>    | NTG Environmental    | <b>Company Name:</b>           | Earthstone Operating LLC      |
| <b>Address:</b>         | 701 Tradewinds Blvd. | <b>Address:</b>                | 600 N. Marlenfeld, Suite 1000 |
| <b>City, State ZIP:</b> | Midland TX, 79701    | <b>City, State ZIP:</b>        | Midland TX, 79701             |
| <b>Phone:</b>           | 432-766-1918         | <b>Email:</b>                  | cmartin@earthstoneenergy.com  |

| Work Order Comments |                                |                                  |                             |                                |
|---------------------|--------------------------------|----------------------------------|-----------------------------|--------------------------------|
| Program: UST/PS     | <input type="checkbox"/> PR    | <input type="checkbox"/> Brownie | <input type="checkbox"/> R  | <input type="checkbox"/> Supel |
| State of Project:   |                                |                                  |                             |                                |
| Reporting Level     | <input type="checkbox"/> Level | <input type="checkbox"/> PST/U   | <input type="checkbox"/> TR | <input type="checkbox"/> Ld    |
| Deliverables: EDC   | <input type="checkbox"/> ADAPT | <input type="checkbox"/> Other:  |                             |                                |

|                            |  |                                   |  |                                                                           |  |            |  |                        |  |        |  |  |  |  |  |  |  |                                                 |  |                            |  |                                                                   |  |  |  |
|----------------------------|--|-----------------------------------|--|---------------------------------------------------------------------------|--|------------|--|------------------------|--|--------|--|--|--|--|--|--|--|-------------------------------------------------|--|----------------------------|--|-------------------------------------------------------------------|--|--|--|
| Project Name:              |  | Diamondback 24-25 Fed Com Battery |  | Turn Around                                                               |  | Pres. Code |  | ANALYSIS REQUEST       |  |        |  |  |  |  |  |  |  | Preservative Codes                              |  |                            |  |                                                                   |  |  |  |
| Project Number:            |  | 226700                            |  | <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush |  |            |  |                        |  |        |  |  |  |  |  |  |  | None: NO                                        |  | DI Water: H <sub>2</sub> O |  |                                                                   |  |  |  |
| Project Location           |  | Lea County, NM                    |  | Due Date:                                                                 |  |            |  |                        |  |        |  |  |  |  |  |  |  | Cool: Cool                                      |  | MeOH: Me                   |  |                                                                   |  |  |  |
| Sampler's Name:            |  | Kellian Smith                     |  | TAT starts the day received by the lab, if received by 4:30pm             |  |            |  |                        |  |        |  |  |  |  |  |  |  | HCl: HC                                         |  | HNO <sub>3</sub> : HN      |  |                                                                   |  |  |  |
| PO #:                      |  |                                   |  |                                                                           |  |            |  |                        |  |        |  |  |  |  |  |  |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> |  | NaOH: Na                   |  |                                                                   |  |  |  |
| SAMPLE RECEIPT             |  |                                   |  | Temp Blank:                                                               |  | Yes No     |  | Waiver:                |  | Yes No |  |  |  |  |  |  |  |                                                 |  |                            |  | H <sub>3</sub> PO <sub>4</sub> : HP                               |  |  |  |
| Received Intact:           |  |                                   |  | Yes No                                                                    |  |            |  | Thermometer ID:        |  |        |  |  |  |  |  |  |  |                                                 |  |                            |  | NaHSO <sub>4</sub> : NABIS                                        |  |  |  |
| Cooler Custody Seals:      |  |                                   |  | Yes No N/A                                                                |  |            |  | Correction Factor:     |  |        |  |  |  |  |  |  |  |                                                 |  |                            |  | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |  |  |  |
| Sample Custody Seals:      |  |                                   |  | Yes No N/A                                                                |  |            |  | Temperature Reading:   |  |        |  |  |  |  |  |  |  |                                                 |  |                            |  | Zn Acetate+NaOH: Zn                                               |  |  |  |
| Total Containers:          |  |                                   |  |                                                                           |  |            |  | Corrected Temperature: |  |        |  |  |  |  |  |  |  |                                                 |  |                            |  | NaOH+Ascorbic Acid: SAPC                                          |  |  |  |
| Parameters                 |  |                                   |  |                                                                           |  |            |  |                        |  |        |  |  |  |  |  |  |  |                                                 |  |                            |  |                                                                   |  |  |  |
| BTEX 8021B                 |  |                                   |  |                                                                           |  |            |  |                        |  |        |  |  |  |  |  |  |  |                                                 |  |                            |  |                                                                   |  |  |  |
| H 8015M ( GRO + DRO + MRO) |  |                                   |  |                                                                           |  |            |  |                        |  |        |  |  |  |  |  |  |  |                                                 |  |                            |  |                                                                   |  |  |  |
| Chloride 4500              |  |                                   |  |                                                                           |  |            |  |                        |  |        |  |  |  |  |  |  |  |                                                 |  |                            |  |                                                                   |  |  |  |
|                            |  |                                   |  |                                                                           |  |            |  |                        |  |        |  |  |  |  |  |  |  |                                                 |  |                            |  |                                                                   |  |  |  |
|                            |  |                                   |  |                                                                           |  |            |  |                        |  |        |  |  |  |  |  |  |  |                                                 |  |                            |  |                                                                   |  |  |  |
|                            |  |                                   |  |                                                                           |  |            |  |                        |  |        |  |  |  |  |  |  |  |                                                 |  |                            |  |                                                                   |  |  |  |
|                            |  |                                   |  |                                                                           |  |            |  |                        |  |        |  |  |  |  |  |  |  |                                                 |  |                            |  |                                                                   |  |  |  |
|                            |  |                                   |  |                                                                           |  |            |  |                        |  |        |  |  |  |  |  |  |  |                                                 |  |                            |  |                                                                   |  |  |  |
|                            |  |                                   |  |                                                                           |  |            |  |                        |  |        |  |  |  |  |  |  |  |                                                 |  |                            |  |                                                                   |  |  |  |
| HOLD                       |  |                                   |  |                                                                           |  |            |  |                        |  |        |  |  |  |  |  |  |  |                                                 |  |                            |  |                                                                   |  |  |  |

[illegible]

Additional Comments:

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| Relinquished by: (Signature)                                                    | Received by: (Signature)                                                         | Date/Time   | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-------------|------------------------------|--------------------------|-----------|
|  |  | 1-6-23 1600 |                              |                          |           |
|                                                                                 |                                                                                  |             |                              |                          |           |
|                                                                                 |                                                                                  |             |                              |                          |           |
|                                                                                 |                                                                                  |             |                              |                          |           |
|                                                                                 |                                                                                  |             |                              |                          |           |

Printed Date: 05/09/2024 09:20:00

## 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    |         |



Environment Testing

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# 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

**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](mailto: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

Date Collected: 02/13/23 12:00

Matrix: Solid

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       |
| Oil 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

Date Collected: 02/13/23 12:00

Matrix: Solid

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       |

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## 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: 890-4092-2

Date Collected: 02/13/23 12:00

Matrix: Solid

Date Received: 02/13/23 12:27

Sample Depth: 8'

## 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       |
| Oil 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

Lab Sample ID: 890-4092-3

Date Collected: 02/13/23 12:00

Matrix: Solid

Date Received: 02/13/23 12:27

Sample Depth: 10'

## 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       |

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## 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

Date Collected: 02/13/23 12:00

Matrix: Solid

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) |                   |
|-----------------------------------|------------------------|------------------------------------------------|-------------------|
| Lab Sample ID                     | Client Sample ID       | BFB1<br>(70-130)                               | DFBZ1<br>(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                |
| <b>Surrogate Legend</b>           |                        |                                                |                   |
| 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<br>(70-130)                               | OTPH1<br>(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                |
| <b>Surrogate Legend</b> |                        |                                                |                   |
| 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        |

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## 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       |

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## 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

Matrix: Solid

Analysis Batch: 46351

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 46370

| Analyte                              | MB<br>Result    | MB<br>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       |
| Oil 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<br>%Recovery | MB<br>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

Matrix: Solid

Analysis Batch: 46351

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 46370

| Analyte                              | Spike<br>Added   | LCS<br>Result    | LCS<br>Qualifier | Unit  | D | %Rec | %Rec<br>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<br>%Recovery | LCS<br>Qualifier | Limits           |       |   |      |                |
| 1-Chlorooctane                       | 91               |                  | 70 - 130         |       |   |      |                |
| o-Terphenyl                          | 93               |                  | 70 - 130         |       |   |      |                |

Lab Sample ID: LCSD 880-46370/3-A

Matrix: Solid

Analysis Batch: 46351

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 46370

| Analyte                              | Spike<br>Added    | LCSD<br>Result    | LCSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>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<br>%Recovery | LCSD<br>Qualifier | Limits            |       |   |      |                |     |              |
| 1-Chlorooctane                       | 91                |                   | 70 - 130          |       |   |      |                |     |              |
| o-Terphenyl                          | 94                |                   | 70 - 130          |       |   |      |                |     |              |

Lab Sample ID: 880-24624-A-1-F MS

Matrix: Solid

Analysis Batch: 46351

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 46370

| Analyte                              | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>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<br>%Recovery  | MS<br>Qualifier     | Limits         |              |                 |       |   |      |                |
| 1-Chlorooctane                       | 82               |                     | 70 - 130       |              |                 |       |   |      |                |
| o-Terphenyl                          | 77               |                     | 70 - 130       |              |                 |       |   |      |                |

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## 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

Matrix: Solid

Analysis Batch: 46351

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

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

Matrix: Solid

Analysis Batch: 46411

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 |   |          | 02/15/23 11:29 | 1       |

Lab Sample ID: LCS 880-46340/2-A

Matrix: Solid

Analysis Batch: 46411

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| 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

Matrix: Solid

Analysis Batch: 46411

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         | 241.0       |                | mg/Kg |   | 96   | 90 - 110    | 0   | 20        |

Lab Sample ID: 890-4082-A-31-B MS

Matrix: Solid

Analysis Batch: 46411

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 | 567           | F1               | 249         | 780.6     | F1           | mg/Kg |   | 86   | 90 - 110    |

Lab Sample ID: 890-4082-A-31-C MSD

Matrix: Solid

Analysis Batch: 46411

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 | 567           | F1               | 249         | 780.0      | F1            | mg/Kg |   | 86   | 90 - 110    | 0   | 20        |

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## 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 |            |

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## 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

Lab Sample ID: 890-4092-1

Date Collected: 02/13/23 12:00

Matrix: Solid

Date Received: 02/13/23 12:27

| 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

Lab Sample ID: 890-4092-2

Date Collected: 02/13/23 12:00

Matrix: Solid

Date Received: 02/13/23 12:27

| 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

Lab Sample ID: 890-4092-3

Date Collected: 02/13/23 12:00

Matrix: Solid

Date Received: 02/13/23 12:27

| 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

Eurofins Carlsbad

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 |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

## 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'   |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14



## Environment Testing

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

## Chain of Custody

Work Order No: \_\_\_\_\_

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|                  |                      |        |                         |  |
|------------------|----------------------|--------|-------------------------|--|
| Project Manager: | Betsy Huibell        |        | Bill to: (if different) |  |
| Company Name:    | NIG-E                |        | Company Name:           |  |
| Address:         | 402 E. Main Ave.     |        | Address:                |  |
| City, State ZIP: | Corlisland Min 88320 |        | City, State ZIP:        |  |
| Phone:           | 432-766-1918         | Email: |                         |  |

| Work Order Comments |                                   |                                    |                                                                                                      |
|---------------------|-----------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------|
| Program:            | UST/PST <input type="checkbox"/>  | PRP <input type="checkbox"/>       | Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> |
| State of Project:   |                                   |                                    |                                                                                                      |
| Reporting:          | Level II <input type="checkbox"/> | Level III <input type="checkbox"/> | PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>     |
| Deliverables:       | EDD <input type="checkbox"/>      | AdAPt <input type="checkbox"/>     | Other: <input type="checkbox"/>                                                                      |

[illegible][illegible]

| Circle Method(s) and Metal(s) to be analyzed | 200.8 / 60.20:                                                                                                     | 200.8 / 60.20:                 |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Total 200.7 / 60.10                          | 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 <sub>2</sub> Na Sr Ti Sn U V Zn |                                |
|                                              | TCPL / SPLP 6010 : 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U                                            | Hg: 1631 / 245.1 / 7470 / 7471 |

Notwithstanding to the document, the relinquishment of sample constitutes a valid purchase order from client company to Eurofins Xeno, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xeno 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 Xeno. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xeno, but not analyzed. These terms will be enforced unless previously negated.

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time    | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|------------------------------|--------------------------|--------------|------------------------------|--------------------------|-----------|
| <i>[Signature]</i>           | <i>[Signature]</i>       | 2-13-23 1227 |                              |                          |           |
|                              |                          | 4            |                              |                          |           |
|                              |                          | 6            |                              |                          |           |
|                              |                          |              |                              |                          |           |

Printed Date: 08/25/2020 09:00:02



Eurofins Carlsbad

1089 N Canal St.  
Carlsbad, NM 88220  
Phone 575-988-3199 Fax: 575-988-3199

## Chain of Custody Record



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[illegible]

## 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   |         |



Environment Testing

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# 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

**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  
3/27/2023 3:38:17 PM

Authorized for release by  
Jessica Kramer, Project Manager  
[Jessica.Kramer@et.eurofinsus.com](mailto: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')

Lab Sample ID: 890-4296-1

Date Collected: 03/13/23 00:00

Matrix: Solid

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             | <0.403 | 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')

Lab Sample ID: 890-4296-2

Date Collected: 03/13/23 00:00

Matrix: Solid

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             | <0.200 | 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     |

Eurofins Carlsbad

## 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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

Date Collected: 03/13/23 00:00

Matrix: Solid

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       |

Eurofins Carlsbad

## 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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       |
| Oil 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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       |
| Oil 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      |

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## 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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       |
| Oil 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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      |

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## 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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       |
| Oil 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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      |

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## 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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 |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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       |
| Oil 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       |

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## 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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       |
| Oil 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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       |

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## 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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       |
| Oil 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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       |
| <b>Toluene</b>              | <b>0.00550</b> |           | 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 |
|-------------------|----------------|-----------|---------|-----|-------|---|----------|----------------|---------|
| <b>Total BTEX</b> | <b>0.00550</b> |           | 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       |

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## 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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 |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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      |
| Oil 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       |

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## 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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       |
| Oil 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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     |

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## 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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       |
| Oil 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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       |

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## 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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 |
|-----------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Oil 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

Date Collected: 03/13/23 00:00

Matrix: Solid

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       |
| Oil 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       |

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## 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')

Lab Sample ID: 890-4296-17

Date Collected: 03/13/23 00:00

Matrix: Solid

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                     | 0.0568    |           | 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       |
| Oil 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       |

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## 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                                           | DFBZ1    |
|                                   |                        | (70-130)                                       | (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       |
| <b>Surrogate Legend</b>           |                        |                                                |          |
| 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                                           | OTPH1    |
|                     |                        | (70-130)                                       | (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      |

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## Surrogate Summary

Client: NT Global

Job ID: 890-4296-1

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<br>(70-130)                               | OTPH1<br>(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        |

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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: 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 |
|---------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| 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

Matrix: Solid

Analysis Batch: 49364

Client Sample ID: Matrix Spike

Prep Type: Total/NA

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

Matrix: Solid

Analysis Batch: 49364

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

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

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 |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| 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        | MB        | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
|                             | Result    | Qualifier |          |     |       |   |                |                |         |
| 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        | MB        | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
|                             | %Recovery | Qualifier |          |     |       |   |                |                |         |
| 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        | MB        | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
|                             | Result    | Qualifier |          |     |       |   |                |                |         |
| 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        | MB        | Limits   |     |       |   | Prepared       | Analyzed       | Dil Fac |
|                             | %Recovery | Qualifier |          |     |       |   |                |                |         |
| 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         | LCS        | Limits        |       |   |      | %Recovery   | Qualifier |  |
|                             | %Recovery   | Qualifier  |               |       |   |      |             |           |  |
| 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 | 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)

|                             | LCSD      | LCSD      |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr) | 104       |           | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 91        |           | 70 - 130 |

Lab Sample ID: 880-25959-A-1-D MS

Matrix: Solid

Analysis Batch: 49565

Client Sample ID: Matrix Spike

Prep Type: Total/NA

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    |

|                             | MS        | MS        |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr) | 108       |           | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 89        |           | 70 - 130 |

Lab Sample ID: 880-25959-A-1-E MSD

Matrix: Solid

Analysis Batch: 49565

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 49395

| Analyte             | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | 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    |

|                             | MSD       | MSD       |          |
|-----------------------------|-----------|-----------|----------|
| Surrogate                   | %Recovery | Qualifier | Limits   |
| 4-Bromofluorobenzene (Surr) | 103       |           | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 92        |           | 70 - 130 |

Lab Sample ID: MB 880-49552/5-A

Matrix: Solid

Analysis Batch: 49529

Client Sample ID: Method Blank

Prep Type: Total/NA

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       |

|                             | MB        | MB        |          |                |                |         |  |  |  |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|--|--|--|
| Surrogate                   | %Recovery | 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       |  |  |  |

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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: 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       |
| Oil 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        |

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## 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

|                | LCSD      | LCSD      |          |
|----------------|-----------|-----------|----------|
| Surrogate      | %Recovery | 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

|                                      | Sample    | Sample    | Spike    | MS     | MS        |       |   |      | %Rec     |  |
|--------------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|----------|--|
| Analyte                              | Result    | Qualifier | Added    | Result | Qualifier | Unit  | D | %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 |  |
|                                      | MS        | MS        |          |        |           |       |   |      |          |  |
| Surrogate                            | %Recovery | 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

|                                      | Sample    | Sample    | Spike    | MSD    | MSD       |       |   |      | %Rec     |     | RPD   |  |
|--------------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|----------|-----|-------|--|
| Analyte                              | Result    | Qualifier | Added    | Result | Qualifier | Unit  | D | %Rec | Limits   | 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    |  |
|                                      | MSD       | MSD       |          |        |           |       |   |      |          |     |       |  |
| Surrogate                            | %Recovery | 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

|                                      | MB        | MB        |          |     |       |   |                |                |         |  |  |  |
|--------------------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|--|--|--|
| Analyte                              | Result    | Qualifier | RL       | MDL | Unit  | D | Prepared       | Analyzed       | Dil Fac |  |  |  |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0     | U         | 50.0     |     | mg/Kg |   | 03/17/23 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       |  |  |  |
| Oil Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     |     | mg/Kg |   | 03/17/23 10:48 | 03/17/23 19:57 | 1       |  |  |  |
|                                      | MB        | MB        |          |     |       |   |                |                |         |  |  |  |
| Surrogate                            | %Recovery | 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       |  |  |  |

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## 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    | LCS    | LCS       |       |   |      | %Rec     |  |  |
|--------------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|----------|--|--|
|                                      |           |           | Added    | Result | Qualifier | Unit  | D | %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 |  |  |
|                                      |           | LCS       | LCS      |        |           |       |   |      |          |  |  |
| Surrogate                            | %Recovery | 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    | LCSD   | LCSD      | Unit  | D | %Rec   | %Rec     | RPD | RPD |
|--------------------------------------|-----------|-----------|----------|--------|-----------|-------|---|--------|----------|-----|-----|
|                                      |           |           | Added    | Result | Qualifier |       |   | Limits | 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      |           | Limits   |        |           |       |   |        |          |     |     |
|                                      | %Recovery | Qualifier |          |        |           |       |   |        |          |     |     |
| 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    | Sample    | Spike    | MS     | MS        | Unit  | D | %Rec | %Rec     | Limits |  |  |
|--------------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|----------|--------|--|--|
|                                      | Result    | Qualifier | Added    | Result | Qualifier |       |   |      |          |        |  |  |
| 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        | MS        | Limits   |        |           |       |   |      |          |        |  |  |
|                                      | %Recovery | Qualifier |          |        |           |       |   |      |          |        |  |  |
| 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

|                                      | Sample    | Sample    | Spike    | MSD    | MSD       |       |   | %Rec |          | RPD |       |
|--------------------------------------|-----------|-----------|----------|--------|-----------|-------|---|------|----------|-----|-------|
| Analyte                              | Result    | Qualifier | Added    | Result | Qualifier | Unit  | D | %Rec | Limits   | 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    |
|                                      | MSD       | MSD       |          |        |           |       |   |      |          |     |       |
| Surrogate                            | %Recovery | Qualifier | Limits   |        |           |       |   |      |          |     |       |
| 1-Chlorooctane                       | 97        |           | 70 - 130 |        |           |       |   |      |          |     |       |

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## 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

|                     | MSD       | MSD       |          |
|---------------------|-----------|-----------|----------|
| Surrogate           | %Recovery | Qualifier | Limits   |
| <i>o</i> -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

|          | MB     | MB        |      |     |       |   |          |                |     |     |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|-----|-----|
| Analyte  | Result | 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

|          |  |  | Spike | LCS    | LCS       |       |   |      | %Rec     |  |
|----------|--|--|-------|--------|-----------|-------|---|------|----------|--|
| Analyte  |  |  | Added | Result | Qualifier | Unit  | D | %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

|          |  |  | Spike | LCSD   | LCSD      |       |   |      | %Rec     |     | RPD   |
|----------|--|--|-------|--------|-----------|-------|---|------|----------|-----|-------|
| Analyte  |  |  | Added | Result | Qualifier | Unit  | D | %Rec | Limits   | 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

|          | Sample | Sample    | Spike | MS     | MS        |       |   |      | %Rec     |  |  |
|----------|--------|-----------|-------|--------|-----------|-------|---|------|----------|--|--|
| Analyte  | Result | Qualifier | Added | Result | Qualifier | Unit  | D | %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

|          | Sample | Sample    | Spike | MSD    | MSD       |       |   |      | %Rec     |     | RPD   |
|----------|--------|-----------|-------|--------|-----------|-------|---|------|----------|-----|-------|
| Analyte  | Result | Qualifier | Added | Result | Qualifier | Unit  | D | %Rec | Limits   | 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

|          | Sample | Sample    | Spike | MS     | MS        |       |   |      | %Rec     |  |  |
|----------|--------|-----------|-------|--------|-----------|-------|---|------|----------|--|--|
| Analyte  | Result | Qualifier | Added | Result | Qualifier | Unit  | D | %Rec | Limits   |  |  |
| Chloride | 10.3   |           | 251   | 250.8  |           | mg/Kg |   | 96   | 90 - 110 |  |  |

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## 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

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 | 10.3          |                  | 251         | 248.5      |               | mg/Kg |   | 95   | 90 - 110    | 1   | 20        |

Lab Sample ID: MB 880-48890/1-A

Matrix: Solid

Analysis Batch: 49133

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 14:19 | 1       |

Lab Sample ID: LCS 880-48890/2-A

Matrix: Solid

Analysis Batch: 49133

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| 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

Matrix: Solid

Analysis Batch: 49133

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         | 257.6       |                | mg/Kg |   | 103  | 90 - 110    | 2   | 20        |

Lab Sample ID: 890-4296-9 MS

Matrix: Solid

Analysis Batch: 49133

Client Sample ID: S-8 (5')

Prep Type: Soluble

| 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

Matrix: Solid

Analysis Batch: 49133

Client Sample ID: S-8 (5')

Prep Type: Soluble

| 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        |

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## 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      |

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## 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   |            |

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## 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 |            |

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## 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 |            |

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## 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      |

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## 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')

Lab Sample ID: 890-4296-1

Date Collected: 03/13/23 00:00

Matrix: Solid

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        | 03/24/23 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')

Lab Sample ID: 890-4296-2

Date Collected: 03/13/23 00:00

Matrix: Solid

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        |     | 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')

Lab Sample ID: 890-4296-3

Date Collected: 03/13/23 00:00

Matrix: Solid

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         |     |            | 5.02 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')

Lab Sample ID: 890-4296-4

Date Collected: 03/13/23 00:00

Matrix: Solid

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         |     |            | 5.03 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 |

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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-7 (9')

Lab Sample ID: 890-4296-4

Date Collected: 03/13/23 00:00

Matrix: Solid

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

Date Collected: 03/13/23 00:00

Matrix: Solid

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

Date Collected: 03/13/23 00:00

Matrix: Solid

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

Date Collected: 03/13/23 00:00

Matrix: Solid

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')

Lab Sample ID: 890-4296-7

Date Collected: 03/13/23 00:00

Matrix: Solid

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       | 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')

Lab Sample ID: 890-4296-8

Date Collected: 03/13/23 00:00

Matrix: Solid

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         |     |            | 5.05 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')

Lab Sample ID: 890-4296-9

Date Collected: 03/13/23 00:00

Matrix: Solid

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         |     |            | 5.02 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')

Lab Sample ID: 890-4296-10

Date Collected: 03/13/23 00:00

Matrix: Solid

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         |     |            | 5.3 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 |

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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 (7')

Lab Sample ID: 890-4296-10

Date Collected: 03/13/23 00:00

Matrix: Solid

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     |
|-----------|------------|--------------|-----|------------|----------------|--------------|--------------|----------------------|---------|---------|
| 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')

Lab Sample ID: 890-4296-11

Date Collected: 03/13/23 00:00

Matrix: Solid

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        |     | 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')

Lab Sample ID: 890-4296-12

Date Collected: 03/13/23 00:00

Matrix: Solid

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         |     |            | 4.95 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')

Lab Sample ID: 890-4296-13

Date Collected: 03/13/23 00:00

Matrix: Solid

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        |     | 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 |

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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-9 (6')

Lab Sample ID: 890-4296-14

Date Collected: 03/13/23 00:00

Matrix: Solid

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

Date Collected: 03/13/23 00:00

Matrix: Solid

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

Date Collected: 03/13/23 00:00

Matrix: Solid

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 |

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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-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 |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

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 |





Chain of Custody

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. Martindale, 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 <input type="checkbox"/> PR <input type="checkbox"/> Brownfield <input type="checkbox"/> R <input type="checkbox"/> Super <input type="checkbox"/> |  |
| State of Project:                                                                                                                                                  |  |
| Reporting Level <input type="checkbox"/> Level <input type="checkbox"/> PSTU <input type="checkbox"/> TR <input type="checkbox"/> L <input type="checkbox"/>       |  |
| Deliverables: EDP <input type="checkbox"/> ADAP <input type="checkbox"/> Other:                                                                                    |  |

|                       |                                                                                            |                                                                                         |                                                                           |            |  |
|-----------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------|--|
| Project Name:         | Diamondback 24-25 CTB                                                                      | Turn Around                                                                             | <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush | Pres. Code |  |
| Project Number:       | 226700                                                                                     | Due Date:                                                                               |                                                                           |            |  |
| Project Location:     | Lea County                                                                                 | TAT starts the day received by the lab, if received by 4:30pm                           |                                                                           |            |  |
| Sampler's Name:       | Tyler Kimball                                                                              |                                                                                         |                                                                           |            |  |
| PO #                  |                                                                                            |                                                                                         |                                                                           |            |  |
| SAMPLE RECEIPT        | Temp Blank: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Wet Ice: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No |                                                                           |            |  |
| Received In tact:     | <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No             | Thermometer ID:                                                                         | 11111111                                                                  |            |  |
| Cooler Custody Seals: | <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No             | Correction Factor:                                                                      | -0.2                                                                      |            |  |
| Sample Custody Seals: | <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No             | Temperature Reading:                                                                    | 3.8                                                                       |            |  |
| Total Containers:     | 17                                                                                         | Corrected Temperature:                                                                  | 3.6                                                                       |            |  |

| Sample Identification | Date      | Time | Soil | Water | Grab/Comp | # of Cont | Parameters | ANALYSIS REQUEST | Preservative Codes | 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                  |                 |

|                      |                         |
|----------------------|-------------------------|
| Additional Comments: | Billing Code: EARPENMTX |
|----------------------|-------------------------|

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 |
| <i>[Signature]</i>           | <i>[Signature]</i>       | 3/13/23 1649 |                              |                          |           |
|                              |                          |              |                              |                          |           |
|                              |                          |              |                              |                          |           |
|                              |                          |              |                              |                          |           |



## Chain of Custody

**Work Order No:** \_\_\_\_\_

Page 2 of 2

|                         |                      |                                |                                |
|-------------------------|----------------------|--------------------------------|--------------------------------|
| <b>Project Manager:</b> | Becky Haskell        | <b>Bill to: (if different)</b> | Chris Martin                   |
| <b>Company Name:</b>    | NTG Environmental    | <b>Company Name:</b>           | Earthstone Operating LLC       |
| <b>Address:</b>         | 701 Tradewinds Blvd. | <b>Address:</b>                | 600 N. Marientfeld, Suite 1000 |
| <b>City, State ZIP:</b> | Midland TX, 79701    | <b>City, State ZIP:</b>        | Midland TX, 79701              |
| <b>Phone:</b>           | 432-766-1918         | <b>Email:</b>                  | cmartin@earthstoneenergy.com   |

| Project Name:     | Diamondback 24-25 CTB | Turn Around                                                   | <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush | Pres. Code              |  |
|-------------------|-----------------------|---------------------------------------------------------------|---------------------------------------------------------------------------|-------------------------|--|
| Project Number:   | 226700                | Due Date:                                                     |                                                                           | <b>ANALYSIS REQUEST</b> |  |
| Project Location: | Lea County            | TAT starts the day received by the lab, if received by 4:30pm |                                                                           |                         |  |
| Sample's Name:    | Tyler Kimball         | Well Ice:                                                     |                                                                           |                         |  |
| PO #              |                       | Temp Blank:                                                   |                                                                           |                         |  |
| SAMPLE RECEIPT    |                       | Received Intact:                                              | Yes No                                                                    |                         |  |
|                   |                       | Cooler Custody Seals:                                         | Yes No N/A                                                                |                         |  |
|                   |                       | Sample Custody Seals:                                         | Yes No N/A                                                                |                         |  |
| Total Containers: | 17                    | Correction Factor:                                            |                                                                           |                         |  |
|                   |                       | Temperature Reading:                                          |                                                                           |                         |  |
|                   |                       | Corrected Temperature:                                        |                                                                           |                         |  |

| Sample Identification | Date      | Time | Soil | Water | Grab/ Comp | # of Cont | BTEX 8021B | TPH 8015M ( GRO + DRO + MRO ) | Chloride 4500 | HOLD | Preservative Codes                                                | Sample Comments |
|-----------------------|-----------|------|------|-------|------------|-----------|------------|-------------------------------|---------------|------|-------------------------------------------------------------------|-----------------|
| S-8 (9')              | 3/13/2023 |      | X    |       | Grab/      | 1         | X          | X                             | X             |      | None: NO     DI Water: H <sub>2</sub> O                           |                 |
| S-9 (2')              | 3/13/2023 |      | X    |       | Grab/      | 1         | X          | X                             | X             |      | Cool: Cool     MeOH: Me                                           |                 |
| S-9 (4')              | 3/13/2023 |      | X    |       | Grab/      | 1         | X          | X                             | X             |      | HCL: HC     HNO <sub>3</sub> : HN                                 |                 |
| S-9 (6')              | 3/13/2023 |      | X    |       | Grab/      | 1         | X          | X                             | X             |      | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na          |                 |
| S-9 (8')              | 3/13/2023 |      | X    |       | Grab/      | 1         | X          | X                             | X             |      | H <sub>3</sub> PO <sub>4</sub> : HP                               |                 |
| S-9 (10')             | 3/13/2023 |      | X    |       | Grab/      | 1         | X          | X                             | X             |      | NaHSO <sub>4</sub> : NABIS                                        |                 |
| S-9 (12')             | 3/13/2023 |      | X    |       | Grab/      | 1         | X          | X                             | X             |      | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |                 |
|                       |           |      |      |       |            |           |            |                               |               |      | 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 |
|------------------------------|--------------------------|--------------|------------------------------|--------------------------|-----------|
| [Signature]                  | [Signature]              | 3/10/23 1647 |                              |                          |           |
|                              |                          |              |                              |                          |           |
|                              |                          |              |                              |                          |           |

## 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    |         |



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](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

Cardinal Laboratories is accredited 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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  
 Reported: 03/22/2023  
 Project Name: DIAMONDBACK  
 Project Number: 226700  
 Project Location: EARTHSTONE - LEA COUNTY

Sampling Date: 03/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**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

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





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  
 Reported: 03/22/2023  
 Project Name: DIAMONDBACK  
 Project Number: 226700  
 Project Location: EARTHSTONE - LEA COUNTY

Sampling Date: 03/15/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**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, SM4500CI-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, Lab Director/Quality Manager



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  
 Reported: 03/22/2023  
 Project Name: DIAMONDBACK  
 Project Number: 226700  
 Project Location: EARTHSTONE - LEA COUNTY

Sampling Date: 03/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**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, SM4500CI-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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**Analytical Results For:**

NTG ENVIRONMENTAL  
 BECKY HASKELL  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 03/17/2023  
 Reported: 03/22/2023  
 Project Name: DIAMONDBACK  
 Project Number: 226700  
 Project Location: EARTHSTONE - LEA COUNTY

Sampling Date: 03/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**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, SM4500CI-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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**Analytical Results For:**

NTG ENVIRONMENTAL  
 BECKY HASKELL  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 03/17/2023  
 Reported: 03/22/2023  
 Project Name: DIAMONDBACK  
 Project Number: 226700  
 Project Location: EARTHSTONE - LEA COUNTY

Sampling Date: 03/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**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, SM4500CI-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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**Analytical Results For:**

NTG ENVIRONMENTAL  
 BECKY HASKELL  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 03/17/2023  
 Reported: 03/22/2023  
 Project Name: DIAMONDBACK  
 Project Number: 226700  
 Project Location: EARTHSTONE - LEA COUNTY

Sampling Date: 03/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**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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**Analytical Results For:**

NTG ENVIRONMENTAL  
 BECKY HASKELL  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 03/17/2023  
 Reported: 03/22/2023  
 Project Name: DIAMONDBACK  
 Project Number: 226700  
 Project Location: EARTHSTONE - LEA COUNTY

Sampling Date: 03/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**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, SM4500CI-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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**Analytical Results For:**

NTG ENVIRONMENTAL  
 BECKY HASKELL  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 03/17/2023  
 Reported: 03/22/2023  
 Project Name: DIAMONDBACK  
 Project Number: 226700  
 Project Location: EARTHSTONE - LEA COUNTY

Sampling Date: 03/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**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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**Analytical Results For:**

NTG ENVIRONMENTAL  
 BECKY HASKELL  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 03/17/2023  
 Reported: 03/22/2023  
 Project Name: DIAMONDBACK  
 Project Number: 226700  
 Project Location: EARTHSTONE - LEA COUNTY

Sampling Date: 03/16/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**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, SM4500CI-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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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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  
 Reported: 03/22/2023  
 Project Name: DIAMONDBACK  
 Project Number: 226700  
 Project Location: EARTHSTONE - LEA COUNTY

Sampling Date: 03/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP 2 (6') (H231231-10)**

| BTX 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 BTX      | <0.300 | 0.300           | 03/20/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

| Chloride, SM4500CI-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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**Analytical Results For:**

NTG ENVIRONMENTAL  
 BECKY HASKELL  
 701 TRADEWINDS BLVD. SUITE C  
 MIDLAND TX, 79706  
 Fax To:

Received: 03/17/2023  
 Reported: 03/22/2023  
 Project Name: DIAMONDBACK  
 Project Number: 226700  
 Project Location: EARTHSTONE - LEA COUNTY

Sampling Date: 03/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**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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**Analytical Results For:**

NTG ENVIRONMENTAL  
BECKY HASKELL  
701 TRADEWINDS BLVD. SUITE C  
MIDLAND TX, 79706  
Fax To:

Received: 03/17/2023  
Reported: 03/22/2023  
Project Name: DIAMONDBACK  
Project Number: 226700  
Project Location: EARTHSTONE - LEA COUNTY

Sampling Date: 03/17/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**Sample ID: TP 2 (9') (H231231-12)**

| BTX 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 BTX      | <0.300 | 0.300           | 03/20/2023 | ND               |      |            |               |      |           |  |

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

| Chloride, SM4500CI-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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**Analytical Results For:**

NTG ENVIRONMENTAL  
BECKY HASKELL  
701 TRADEWINDS BLVD. SUITE C  
MIDLAND TX, 79706  
Fax To:

Received: 03/17/2023  
Reported: 03/22/2023  
Project Name: DIAMONDBACK  
Project Number: 226700  
Project Location: EARTHSTONE - LEA COUNTY

Sampling Date: 03/17/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**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, SM4500CI-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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**Analytical Results For:**

NTG ENVIRONMENTAL  
BECKY HASKELL  
701 TRADEWINDS BLVD. SUITE C  
MIDLAND TX, 79706  
Fax To:

Received: 03/17/2023  
Reported: 03/22/2023  
Project Name: DIAMONDBACK  
Project Number: 226700  
Project Location: EARTHSTONE - LEA COUNTY

Sampling Date: 03/17/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**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, SM4500CI-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, Lab Director/Quality Manager



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  
 Reported: 03/22/2023  
 Project Name: DIAMONDBACK  
 Project Number: 226700  
 Project Location: EARTHSTONE - LEA COUNTY

Sampling Date: 03/17/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: TP 2 (16') (H231231-15)**

| BTX 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 BTX      | <0.300 | 0.300           | 03/21/2023 | ND              |      |            |               |      |           |

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

| Chloride, SM4500CI-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, Lab Director/Quality Manager



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  
Reported: 03/22/2023  
Project Name: DIAMONDBACK  
Project Number: 226700  
Project Location: EARTHSTONE - LEA COUNTY

Sampling Date: 03/17/2023  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Shalyn Rodriguez

**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, SM4500CI-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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### 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<br>Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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Can the earth store energy? Can

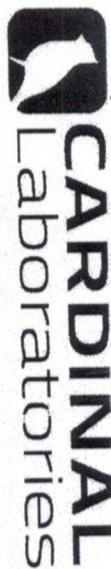
## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| <b>Company Name:</b> NTC               |             |                   |              |             |            |      | <b>BILL TO</b>              |        |         |          |          |         |      | <b>ANALYSIS REQUEST</b> |  |  |  |  |  |  |
|----------------------------------------|-------------|-------------------|--------------|-------------|------------|------|-----------------------------|--------|---------|----------|----------|---------|------|-------------------------|--|--|--|--|--|--|
| <b>Project Manager:</b> Becky Henske I |             |                   |              |             |            |      | <b>P.O. #:</b>              |        |         |          |          |         |      |                         |  |  |  |  |  |  |
| <b>Address:</b> 402 E Wood Ave         |             |                   |              |             |            |      | <b>Company:</b> Earth Stone |        |         |          |          |         |      |                         |  |  |  |  |  |  |
| <b>City:</b> Carlsbad                  |             |                   |              |             |            |      | <b>Attn:</b> Chris Martin   |        |         |          |          |         |      |                         |  |  |  |  |  |  |
| <b>State:</b> NM <b>Zip:</b> 88220     |             |                   |              |             |            |      | <b>Address:</b>             |        |         |          |          |         |      |                         |  |  |  |  |  |  |
| <b>Phone #:</b> 432 924 8056           |             |                   |              |             |            |      | <b>City:</b>                |        |         |          |          |         |      |                         |  |  |  |  |  |  |
| <b>Project #:</b> 226760               |             |                   |              |             |            |      | <b>State:</b>               |        |         |          |          |         |      |                         |  |  |  |  |  |  |
| <b>Project Owner:</b>                  |             |                   |              |             |            |      | <b>Zip:</b>                 |        |         |          |          |         |      |                         |  |  |  |  |  |  |
| <b>Project Location:</b> Las Conchas   |             |                   |              |             |            |      | <b>Phone #:</b>             |        |         |          |          |         |      |                         |  |  |  |  |  |  |
| <b>Sampler Name:</b> Tyler Kemball     |             |                   |              |             |            |      | <b>Fax #:</b>               |        |         |          |          |         |      |                         |  |  |  |  |  |  |
| <b>FOR LAB USE ONLY</b>                |             |                   |              |             |            |      |                             |        |         |          |          |         |      |                         |  |  |  |  |  |  |
| Lab I.D.                               | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX      |            |      |                             |        |         | PRESERV. | SAMPLING | DATE    | TIME |                         |  |  |  |  |  |  |
|                                        |             |                   |              | GROUNDWATER | WASTEWATER | SOIL | OIL                         | SLUDGE | OTHER : |          |          |         |      |                         |  |  |  |  |  |  |
| #031031                                | S-10 (8')   |                   | 6            | X           |            |      |                             |        |         |          |          | 3-15-23 |      | PH                      |  |  |  |  |  |  |
|                                        | S-10 (14')  |                   | 1            |             |            |      |                             |        |         |          |          | 3-15-23 |      | Chlorides               |  |  |  |  |  |  |
|                                        | S-10 (16')  |                   |              |             |            |      |                             |        |         |          |          | 3-16-23 |      | ATX                     |  |  |  |  |  |  |
|                                        | S-10 (17')  |                   |              |             |            |      |                             |        |         |          |          | 3-16-23 |      |                         |  |  |  |  |  |  |
|                                        | S-10 (19')  |                   |              |             |            |      |                             |        |         |          |          | 3-16-23 |      |                         |  |  |  |  |  |  |
|                                        | N5-10 (6')  |                   |              |             |            |      |                             |        |         |          |          | 3-16-23 |      |                         |  |  |  |  |  |  |
|                                        | N5-10 (10') |                   |              |             |            |      |                             |        |         |          |          | 3-16-23 |      |                         |  |  |  |  |  |  |
|                                        | SS-10 (6')  |                   |              |             |            |      |                             |        |         |          |          | 3-16-23 |      |                         |  |  |  |  |  |  |
|                                        | SS-10 (10') |                   |              |             |            |      |                             |        |         |          |          | 3-17-23 |      |                         |  |  |  |  |  |  |
|                                        | TP2 (6')    |                   | 1            |             |            |      |                             |        |         |          |          |         |      |                         |  |  |  |  |  |  |

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|                                                                                     |  |                                |  |                                 |  |                                                                                                                                   |  |
|-------------------------------------------------------------------------------------|--|--------------------------------|--|---------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Relinquished By:</b> [Signature]                                                 |  | <b>Date:</b> 3-7-23            |  | <b>Received By:</b> [Signature] |  | <b>Verbal Result:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: |  |
| <b>Relinquished By:</b>                                                             |  | <b>Time:</b> 1:50              |  | <b>REMARKS:</b>                 |  | <b>All Results are emailed. Please provide Email address:</b>                                                                     |  |
| <b>Date:</b>                                                                        |  | <b>Time:</b>                   |  | <b>Turnaround Time:</b>         |  | <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/>                                          |  |
| <b>Sample Condition</b>                                                             |  | <b>CHECKED BY:</b> [Signature] |  | <b>Thermometer ID #113</b>      |  | <b>Bacteria (only)</b> <input type="checkbox"/> <b>Cool Intact</b> <input type="checkbox"/>                                       |  |
| <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact |  |                                |  | <b>Correction Factor -0.6°C</b> |  | <b>Observed Temp. °C</b>                                                                                                          |  |
| <input type="checkbox"/> Yes <input type="checkbox"/> No                            |  |                                |  |                                 |  | <b>Corrected Temp. °C</b>                                                                                                         |  |





**101 East Marland, Hobbs, NM 88240**  
**(575) 393-2326 FAX (575) 393-2476**

Can the earth store energy? Can

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

|                                       |  |  |  |  |  |  |  |  |  |                             |  |          |  |                  |  |
|---------------------------------------|--|--|--|--|--|--|--|--|--|-----------------------------|--|----------|--|------------------|--|
| Company Name: <b>NTCE</b>             |  |  |  |  |  |  |  |  |  | P.O. #:                     |  | BILL TO  |  | ANALYSIS REQUEST |  |
| Project Manager: <b>Becky Hensley</b> |  |  |  |  |  |  |  |  |  | Company: <b>Earth Stone</b> |  |          |  |                  |  |
| Address: <b>482 E Wood Ave</b>        |  |  |  |  |  |  |  |  |  | Attn: <b>Chris Marzth</b>   |  |          |  |                  |  |
| City: <b>Carlsbad</b>                 |  |  |  |  |  |  |  |  |  | Address:                    |  |          |  |                  |  |
| Phone #: <b>432 924 8056</b>          |  |  |  |  |  |  |  |  |  | City:                       |  |          |  |                  |  |
| Fax #: <b>767 60</b>                  |  |  |  |  |  |  |  |  |  | State:                      |  |          |  |                  |  |
| Project Name: <b>Diamond bgh</b>      |  |  |  |  |  |  |  |  |  | Phone #:                    |  |          |  |                  |  |
| Project Location: <b>Van County</b>   |  |  |  |  |  |  |  |  |  | Fax #:                      |  |          |  |                  |  |
| Sampler Name: <b>Cathy Kimball</b>    |  |  |  |  |  |  |  |  |  | PRESERV                     |  | SAMPLING |  |                  |  |
| FOR LAB USE ONLY                      |  |  |  |  |  |  |  |  |  |                             |  |          |  |                  |  |
| Lab I.D.                              |  |  |  |  |  |  |  |  |  | Sample I.D.                 |  |          |  |                  |  |
| HB31231                               |  |  |  |  |  |  |  |  |  | (G)RAB OR (C)OMP.           |  |          |  |                  |  |
| 11                                    |  |  |  |  |  |  |  |  |  | # CONTAINERS                |  |          |  |                  |  |
| 13                                    |  |  |  |  |  |  |  |  |  | GROUNDWATER                 |  |          |  |                  |  |
| 14                                    |  |  |  |  |  |  |  |  |  | WASTEWATER                  |  |          |  |                  |  |
| 15                                    |  |  |  |  |  |  |  |  |  | SOIL                        |  |          |  |                  |  |
| 16                                    |  |  |  |  |  |  |  |  |  | OIL                         |  |          |  |                  |  |
| 17                                    |  |  |  |  |  |  |  |  |  | SLUDGE                      |  |          |  |                  |  |
| 18                                    |  |  |  |  |  |  |  |  |  | OTHER :                     |  |          |  |                  |  |
| 19                                    |  |  |  |  |  |  |  |  |  | ACID/BASE:                  |  |          |  |                  |  |
| 20                                    |  |  |  |  |  |  |  |  |  | ICE / COOL                  |  |          |  |                  |  |
| 21                                    |  |  |  |  |  |  |  |  |  | OTHER :                     |  |          |  |                  |  |
| 22                                    |  |  |  |  |  |  |  |  |  | DATE                        |  | TIME     |  |                  |  |
| 23                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 24                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 25                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 26                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 27                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 28                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 29                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 30                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 31                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 32                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 33                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 34                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 35                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 36                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 37                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 38                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 39                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 40                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 41                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 42                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 43                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 44                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 45                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 46                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 47                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 48                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 49                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 50                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 51                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 52                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 53                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 54                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 55                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 56                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 57                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 58                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 59                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 60                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 61                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 62                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 63                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 64                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 65                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 66                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 67                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 68                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 69                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 70                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 71                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 72                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 73                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 74                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 75                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 76                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 77                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 78                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 79                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 80                                    |  |  |  |  |  |  |  |  |  | 3-17-23                     |  | 3-17-23  |  |                  |  |
| 81                                    |  |  |  |  |  |  |  |  |  |                             |  |          |  |                  |  |



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Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 232972

CONDITIONS

|                                                                                                    |                                                           |
|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| Operator:<br>Earthstone Operating, LLC<br>1400 Woodloch Forest; Ste 300<br>The Woodlands, TX 77380 | OGRID:<br>331165                                          |
|                                                                                                    | Action Number:<br>232972                                  |
|                                                                                                    | Action Type:<br>[C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition                                                                                                                              | Condition Date |
|------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------|
| nvelez     | Remediation plan is approved as written. Earthstone has 90-days (December 20, 2023) to submit its appropriate or final closure report. | 9/21/2023      |