

| | |
|----------------|---------------|
| Incident ID | NAB1911938011 |
| District RP | |
| Facility ID | |
| Application ID | |

Site Assessment/Characterization

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

| | |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release? | <u>135'</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 not 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.

Oil Conservation Division

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| Incident ID | NAB1911938011 |
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I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Dale Woodall Title: Env. Professional

Signature: Dale Woodall Date: 11/1/2022

email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Jocelyn Harimon Date: 11/01/2022

| | |
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| Incident ID | NAB1911938011 |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: Dale Woodall Title: Env. Professional
Signature: *Dale Woodall* Date: 11/1/2022
email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Jocelyn Harimon Date: 11/01/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____



402 E. Wood Avenue
Carlsbad, New Mexico 88220
Tel. 432.701.2159
www.ntgenvironmental.com

September 15, 2022

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

**Re: Closure Report
Cotton Draw Unit #212H
Devon Energy Production Company
Site Location: Unit C, S35, T24S, R31E
(Lat 32.1805800°, Long -103.753950°)
Eddy County, New Mexico
Incident ID: NAB1911938011**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment activities at the Cotton Draw Unit #212H (Site). The Site is located approximately 18.3 miles Southwest of Malaga, New Mexico in Eddy County (Figures 1 and 2).

Background

Based on the Release Notification of Form C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on January 1, 2019. The release was a result of a gas suction line to compressor failing. The failure resulted in the release of approximately 346 MCF of natural gas of which none were recovered. Upon discovery, the well was shut-in, and area was secured. Details of the release area is depicted on Figure 3. The Release Notification portion of form C-141 is attached to this report for reference.

Site Characterization

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a ½ mile radius of the location. The nearest identified well is located 0.84 miles east of the Site in Section 25, T24S, R31E. The well was drilled in 2022 and the reported depth to groundwater is 135 feet below ground surface (ft bgs). The site characterization documentation and the associated USGS/NMSEO summary report are attached.

Mr. Mike Bratcher
September 15, 2022
Page 2 of 3

Regulatory Criteria

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria are applicable to the Site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.

Site Assessment

On August 5, 2022, NTGE conducted site assessment activities to assess the horizontal and vertical extent of impacts at the Site. A total of one sample point (S-1) was installed within the area of the release to characterize the impacts. Additionally, four horizontal delineation sample points (H-1 through H-4) were installed to define the extent of impacts. Soil samples were in six-inch intervals from depths ranging from zero to one ft bgs with a geotechnical handauger. The handauger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. Sample locations are presented on Figure 3.

Soil samples were placed directly into laboratory provided samples containers, placed on ice, and transported under proper chain-of-custody protocol to for chemical analysis. Soil samples were analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Laboratory reports containing analytical methods and chain-of-custody documents are attached.

Analytical results identified no impacts above associated NMOCD regulatory criteria.

Closing

Based on the assessment activities, TPH, BTEX and chloride concentrations are below regulatory limits, and no further actions are required at the Site. A copy of the Site Assessment/Characterization and Closure portions of Form C-141 are attached and Devon formally request a no further action designation for the Site. If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely,
NTG Environmental



Ethan Sessums
Project Manager

Attachments:

Site Characterization Documentation
Tables
Figures
Photographic Log
Laboratory Reports and Chain-of-Custody Documents

**Release Notification, Site Assessment/Characterization, and Closure
Portions of C-141**

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 | NAB1911938011 |
| District RP | 2RP-5372 |
| Facility ID | |
| Application ID | pAB1911937717 |

Release Notification

Responsible Party

| | |
|---|--|
| Responsible Party Devon Energy Production Company | OGRID 6137 |
| Contact Name Amanda T. Davis | Contact Telephone 575-748-0176 |
| Contact email amanda.davis@divn.com | Incident # (assigned by OCD) NAB1911938011 |
| Contact mailing address 6488 Seven Rivers Hwy | |

Location of Release Source

Latitude **32.1805800** Longitude **-103.753950**
(NAD 83 in decimal degrees to 5 decimal places)

| | |
|----------------------------------|---------------------------------|
| Site Name Cotton Draw Unit #212H | Site Type Oil |
| Date Release Discovered 1/1/2019 | API# (if applicable) 3001542892 |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| D | 35 | 24S | 31E | Eddy |

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 type="checkbox"/> Produced Water | Volume Released (bbls) | Volume Recovered (bbls) |
| | Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| <input checked="" type="checkbox"/> Natural Gas | Volume Released (Mcf) 346 | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |


Cause of Release The gas suction line going to the Cdu 212 compressor had a line leak.

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| | |
|--|---|
| <p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>If YES, for what reason(s) does the responsible party consider this a major release?</p> |
| <p>If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?</p> | |

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. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input 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: <div style="border: 1px solid black; height: 100px; margin-top: 5px;"></div> | |
| 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>Kendra DeHoyos</u> Signature: <u>Kendra DeHoyos</u> email: <u>kendra.dehoyos@dvn.com</u> | Title: <u>EHS Associate</u> Date: <u>1/16/2019</u> Telephone: <u>575-748-0167</u> |
| <div style="border: 1px solid black; padding: 5px;"> <u>OCD Only</u> Received by: <u></u> Date: <u>4/29/2019</u> </div> | |

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Site Assessment/Characterization

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

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Printed Name: Dale Woodall Title: Env. Professional

Signature: Dale Woodall Date: 11/1/2022

email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

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

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Printed Name: Dale Woodall Title: Env. Professional
Signature: *Dale Woodall* Date: 11/1/2022
email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: *Jennifer Nobui* Date: 11/10/2022
Printed Name: Jennifer Nobui Title: Environmental Specialist A

SITE CHARACTERIZATION DOCUMENTATION

Devon Energy - Cotton Draw Unit #212H
Sec 35 T24S R31E Unit C
32.180516, -103.749744
Eddy County, New Mexico

Site Characterization

- No water features within specified distances of 1/2 mile radius, drilled within 25 years
- Low Karst
- NMSEO Groundwater is 135' below surface, 0.84 miles East of the site, 2022 Drilled, Section 25, T24S, R31E
- USGS Groundwater is 474.25' below surface, 1.87 miles West of the site, 1959 Drilled, Section 33, T24S, R31E
- USGS Groundwater is 406.45' below surface, 1.18 miles South of the site, 1998 Drilled, Section 02, T25S, R31E

RRALs due to insufficient *RECENT* groundwater data

- Chlorides 600 mg/kg
- TPH GRO+DRO+MRO 100 mg/kg
- BTEX 50 mg/kg
- Benzene 10 mg/kg

Low Karst

Cotton Draw Unit #212H
Eddy County, New Mexico
32.180516, -103.749744

Legend

- Site Location
- LOW

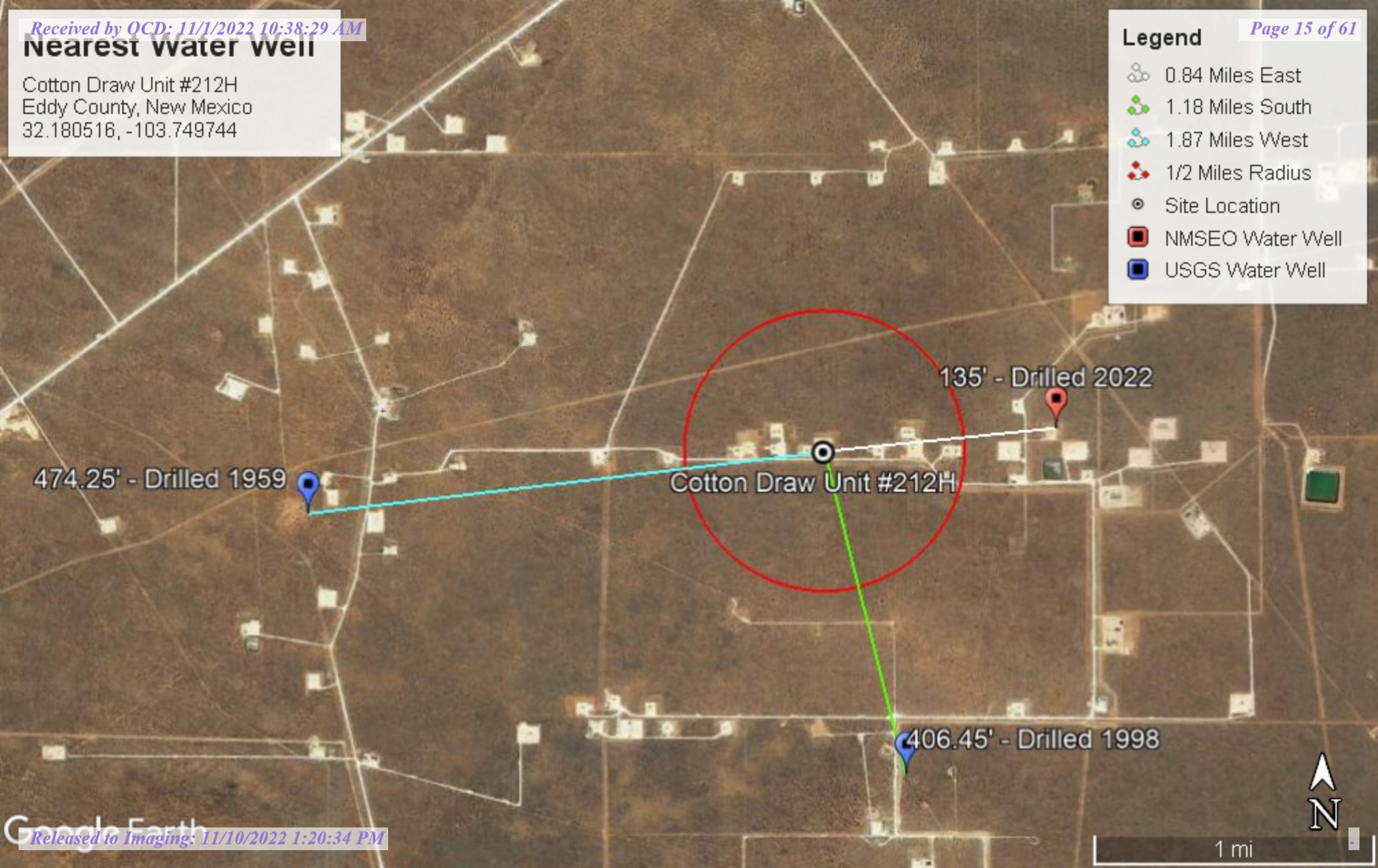
Cotton Draw Unit #212H

Nearest water well

Cotton Draw Unit #212H
Eddy County, New Mexico
32.180516, -103.749744

Legend

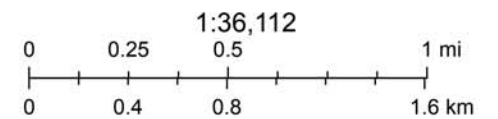
- 0.84 Miles East
- 1.18 Miles South
- 1.87 Miles West
- 1/2 Miles Radius
- Site Location
- NMSEO Water Well
- USGS Water Well



New Mexico NFHL Data



September 1, 2022




FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

nmflood.org is made possible through a collaboration with NMDHSEM,
This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.



New Mexico Office of the State Engineer

Point of Diversion Summary

| | | | | | | | | | |
|--------------------------------|--------------|--|-----|----|-----|------------------------|-------------------------------|-----------------------|---|
| | | (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) | | | | (NAD83 UTM in meters) | | | |
| Well Tag | POD Number | Q64 | Q16 | Q4 | Sec | Tw | Rng | X | Y |
| 21068 | C 04643 POD1 | 4 | 2 | 2 | 05 | 23S | 27E | 619200 | 3561279  |
| <hr/> | | | | | | | | | |
| Driller License: 1755 | | Driller Company: | | | | HUNGRY HORSE, LLC. | | | |
| Driller Name: JOHN NORRIS | | | | | | | | | |
| Drill Start Date: 06/06/2022 | | Drill Finish Date: | | | | 06/20/2022 | | Plug Date: | |
| Log File Date: 08/19/2022 | | PCW Rev Date: | | | | Source: Shallow | | | |
| Pump Type: | | Pipe Discharge Size: | | | | Estimated Yield: 0 GPM | | | |
| Casing Size: 6.00 | | Depth Well: | | | | 305 feet | | Depth Water: 135 feet | |
| <hr/> | | | | | | | | | |
| Water Bearing Stratifications: | | | | | Top | Bottom | Description | | |
| | | | | | 110 | 140 | Sandstone/Gravel/Conglomerate | | |
| | | | | | 140 | 160 | Shale/Mudstone/Siltstone | | |
| | | | | | 220 | 275 | Shale/Mudstone/Siltstone | | |
| <hr/> | | | | | | | | | |
| Casing Perforations: | | | | | Top | Bottom | | | |
| | | | | | 225 | 305 | | | |
| <hr/> | | | | | | | | | |

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

9/1/22 2:47 PM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

| POD Number | POD Sub-Code | basin | County | Q 64 | Q 16 | Q 4 | Sec | Tws | Rng | X | Y | Distance | Depth Well | Depth Water | Water Column |
|------------------------------|--------------|-------|--------|------|------|-----|-----|-----|-----|--------|----------|----------|------------|-------------|--------------|
| C 04633 POD1 | CUB | ED | | 2 | 1 | 1 | 35 | 24S | 31E | 617394 | 3561170 | 472 | | | |
| C 04636 POD1 | CUB | ED | | 3 | 4 | 3 | 25 | 24S | 31E | 619200 | 3561279 | 1342 | | | |
| C 04643 POD1 | C | ED | | 4 | 2 | 2 | 05 | 23S | 27E | 619200 | 3561279 | 1342 | 305 | 135 | 170 |
| C 02574 | CUB | ED | | 1 | 1 | 2 | 02 | 25S | 31E | 618092 | 3559494* | 1651 | | | |
| C 04593 POD1 | CUB | ED | | 3 | 4 | 4 | 34 | 24S | 31E | 616903 | 3559674 | 1744 | 55 | | |
| C 02571 | CUB | ED | | 4 | 1 | 2 | 02 | 25S | 31E | 618292 | 3559294* | 1884 | 860 | | |

Average Depth to Water: **135 feet**

Minimum Depth: **135 feet**

Maximum Depth: **135 feet**

Record Count: 6

UTMNAD83 Radius Search (in meters):

Easting (X): 617865.48

Northing (Y): 3561129.78

Radius: 2000

*UTM location was derived from PLSS - see Help

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9/1/22 2:45 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



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USGS Water Resources

Data Category: Groundwater Geographic Area: New Mexico

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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 320952103444401

Minimum number of levels = 1

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USGS 320952103444401 25S.31E.02.214411

Eddy County, New Mexico

Latitude 32°09'50.0", Longitude 103°44'41.2" NAD83

Land-surface elevation 3,468.0 feet above NGVD29

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Azotea Tongue of Seven Rivers Formation (313AZOT) local aquifer.

Output formats

| |
|------------------------------------|
| Table of data |
| Tab-separated data |
| Graph of data |
| Reselect period |

| Date | Time | ? Water-level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source measu |
|------------|-----------|---|------------------------|---|---|---------------------------------|-------------|-------------------------------|--------------------------|----------------------|
| 1992-11-05 | 08:50 UTC | m | 62610 | | 3060.56 | NGVD29 | 1 | S | | |
| 1992-11-05 | 08:50 UTC | m | 62611 | | 3062.27 | NAVD88 | 1 | S | | |
| 1992-11-05 | 08:50 UTC | m | 72019 | 407.44 | | | 1 | S | | |
| 1998-01-29 | | D | 62610 | | 3061.55 | NGVD29 | 1 | S | | |
| 1998-01-29 | | D | 62611 | | 3063.26 | NAVD88 | 1 | S | | |
| 1998-01-29 | | D | 72019 | 406.45 | | | 1 | S | | |

Explanation

| Section | Code | Description |
|--------------------------------|-------|---|
| Water-level date-time accuracy | D | Date is accurate to the Day |
| Water-level date-time accuracy | m | Date is accurate to the Minute |
| Parameter code | 62610 | Groundwater level above NGVD 1929, feet |

| Section | Code | Description |
|-----------------------------|--------|--|
| Parameter code | 62611 | Groundwater level above NAVD 1988, feet |
| Parameter code | 72019 | Depth to water level, feet below land surface |
| Referenced vertical datum | NAVD88 | North American Vertical Datum of 1988 |
| Referenced vertical datum | NGVD29 | National Geodetic Vertical Datum of 1929 |
| Status | 1 | Static |
| Method of measurement | S | Steel-tape measurement. |
| Measuring agency | | Not determined |
| Source of measurement | | Not determined |
| Water-level approval status | A | Approved for publication -- Processing and review completed. |

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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2022-09-01 17:18:18 EDT

0.28 0.24 nadww01



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Data Category: Groundwater Geographic Area: New Mexico

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Groundwater levels for New Mexico

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Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321034103465501

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321034103465501 24S.31E.33.231113

Eddy County, New Mexico

Latitude 32°10'38.2", Longitude 103°46'53.0" NAD83

Land-surface elevation 3,461.00 feet above NGVD29

The depth of the well is 740 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

| |
|------------------------------------|
| Table of data |
| Tab-separated data |
| Graph of data |
| Reselect period |

| Date | Time | ? Water-level date-time accuracy | ? Parameter code | Water level, feet below land surface | Water level, feet above specific vertical datum | Referenced vertical datum | ? Status | ? Method of measurement | ? Measuring agency | ? Source measu |
|------------|------|-------------------------------------|---------------------|--------------------------------------|---|---------------------------|-------------|----------------------------|-----------------------|-------------------|
| 1959-03-12 | | D | 62610 | | 2986.75 | NGVD29 | 1 | Z | | |
| 1959-03-12 | | D | 62611 | | 2988.49 | NAVD88 | 1 | Z | | |
| 1959-03-12 | | D | 72019 | 474.25 | | | 1 | Z | | |

Explanation

| Section | Code | Description |
|--------------------------------|--------|---|
| Water-level date-time accuracy | D | Date is accurate to the Day |
| Parameter code | 62610 | Groundwater level above NGVD 1929, feet |
| Parameter code | 62611 | Groundwater level above NAVD 1988, feet |
| Parameter code | 72019 | Depth to water level, feet below land surface |
| Referenced vertical datum | NAVD88 | North American Vertical Datum of 1988 |

| Section | Code | Description |
|-----------------------------|--------|--|
| Referenced vertical datum | NGVD29 | National Geodetic Vertical Datum of 1929 |
| Status | 1 | Static |
| Method of measurement | Z | Other. |
| Measuring agency | | Not determined |
| Source of measurement | | Not determined |
| Water-level approval status | A | Approved for publication -- Processing and review completed. |

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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2022-09-01 17:10:54 EDT

0.32 0.29 nadww01





National Water Information System: Mapper

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Site Information

TABLES

Table 1. Soil Analytical Results - Site Assessment Activities
Devon Energy Production Company
Cotton Draw Unit 212H
Eddy County, New Mexico

| Sample ID | Date | Sample Depth (ft) | TPH (mg/kg) | | | | Benzene (mg/kg) | Toluene (mg/kg) | Ethylbenzene (mg/kg) | Xylene (mg/kg) | Total BTEX (mg/kg) | Chloride (mg/kg) |
|--------------------------------------|----------|-------------------|-------------|-------|-------|-------|------------------|-----------------|----------------------|----------------|--------------------|------------------|
| | | | DRO | GRO | MRO | Total | | | | | | |
| S-1 | 8/5/2022 | 0-1' | <50.0 | <50.0 | <50.0 | <50.0 | <0.00200 | 0.0289 | 0.00908 | 0.0139 | 0.0518 | 38.1 |
| H-1 | 8/5/2022 | 0-6" | <49.9 | <49.9 | <49.9 | <49.9 | 0.0102 | 0.0343 | 0.00825 | 0.00981 | 0.0626 | 7.85 |
| H-2 | 8/5/2022 | 0-6" | <49.9 | <49.9 | <49.9 | <49.9 | 0.00633 | 0.0242 | 0.00574 | 0.0110 | 0.0473 | <5.02 |
| H-3 | 8/5/2022 | 0-6" | <50.0 | <50.0 | <50.0 | <50.0 | <0.00201 | 0.0281 | 0.00825 | 0.0136 | 0.0499 | 261 |
| H-4 | 8/5/2022 | 0-6" | <49.8 | <49.8 | <49.8 | <49.8 | 0.0297 | 0.119 | 0.0212 | 0.0376 | 0.208 | 6.25 |
| Regulatory Limits^A | | | | | | | 100 mg/kg | 10 mg/kg | | | 50 mg/kg | 600 mg/kg |

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

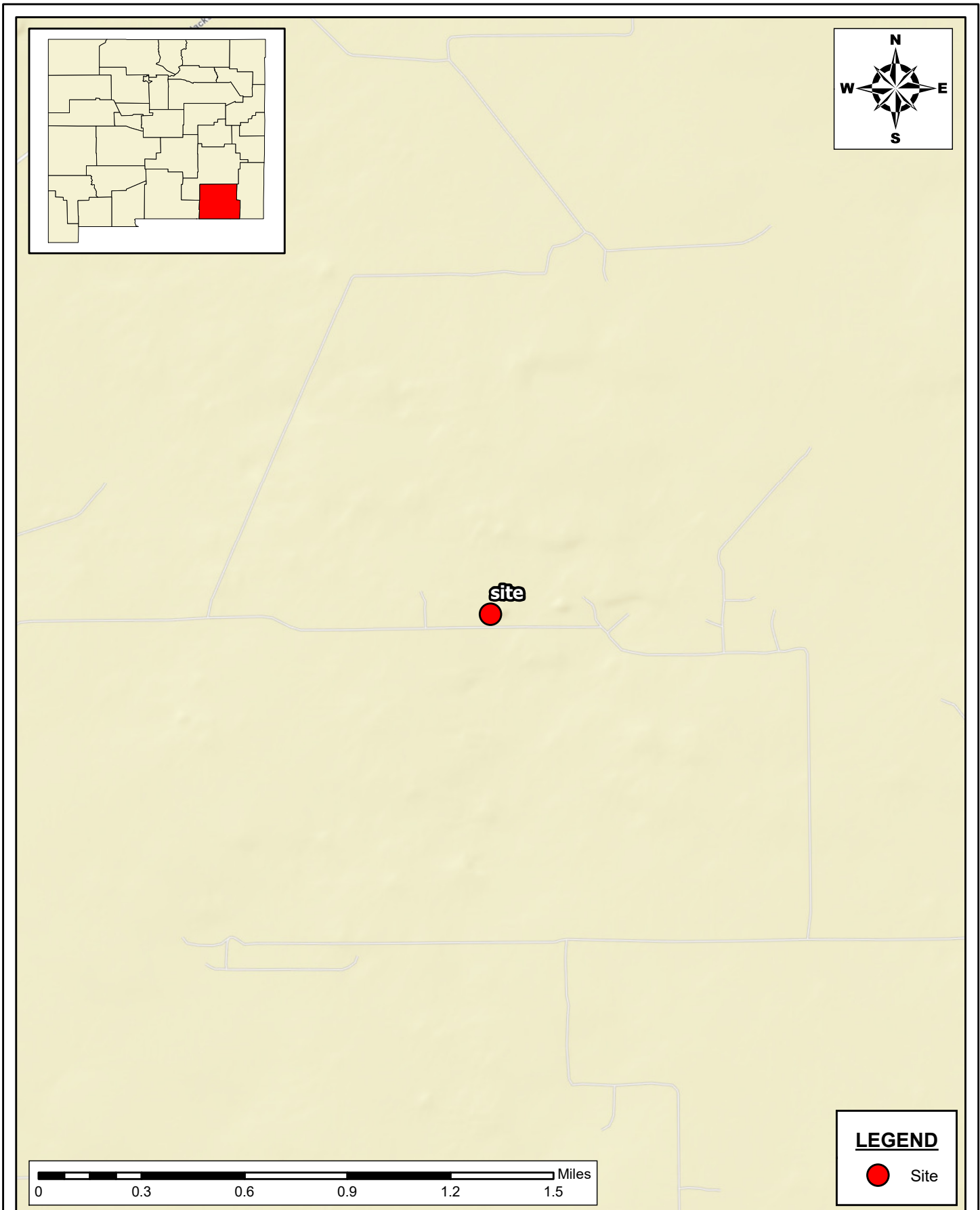
TPH- total petroleum hydrocarbons

ft-feet

 - exceeds regulatory limits

FIGURES

Document Path: P:\2022 PROJECTS\DEVON\SC226009 - Cotton Draw Unit 212H7 - Figures\GIS\Figure_1_SL.mxd



SITE LOCATION MAP
SITE ASSESSMENT REPORT
 COTTON DRAW UNIT 212H
 DEVON ENERGY PRODUCTION COMPANY, LLC
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 8/17/2022 PROJECT #: 226009



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

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

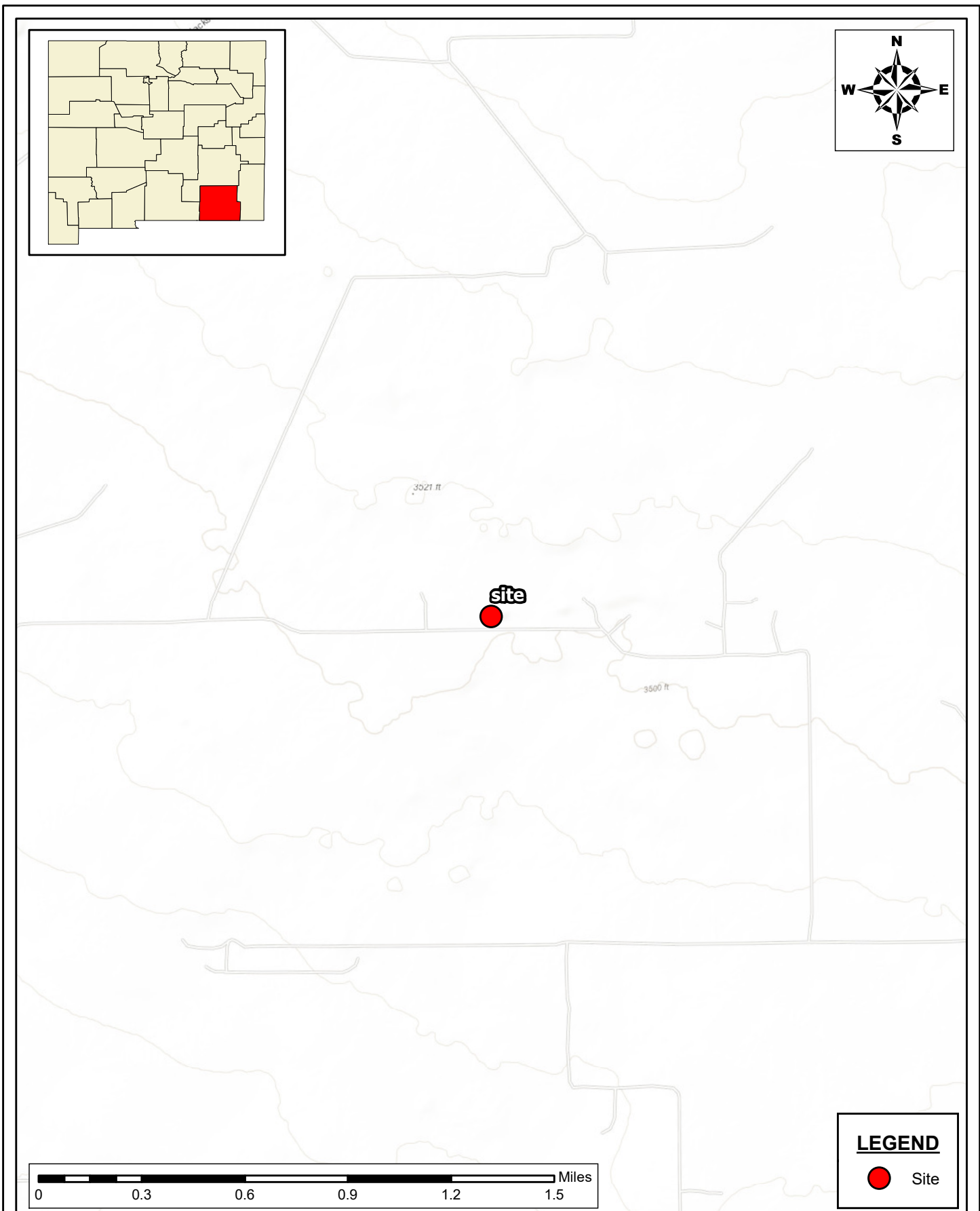
DRAWING NUMBER:

FIGURE 1

SHEET NUMBER:

1 of 1

Document Path: P:\2022 PROJECTS\DEVON\RSC\226009 - Cotton Draw Unit 212H7 - Figures\GIS\Figure_2_SL.mxd



SITE LOCATION MAP
SITE ASSESSMENT REPORT
 COTTON DRAW UNIT 212H
 DEVON ENERGY PRODUCTION COMPANY, LLC
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 8/17/2022 PROJECT #: 226009



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

NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

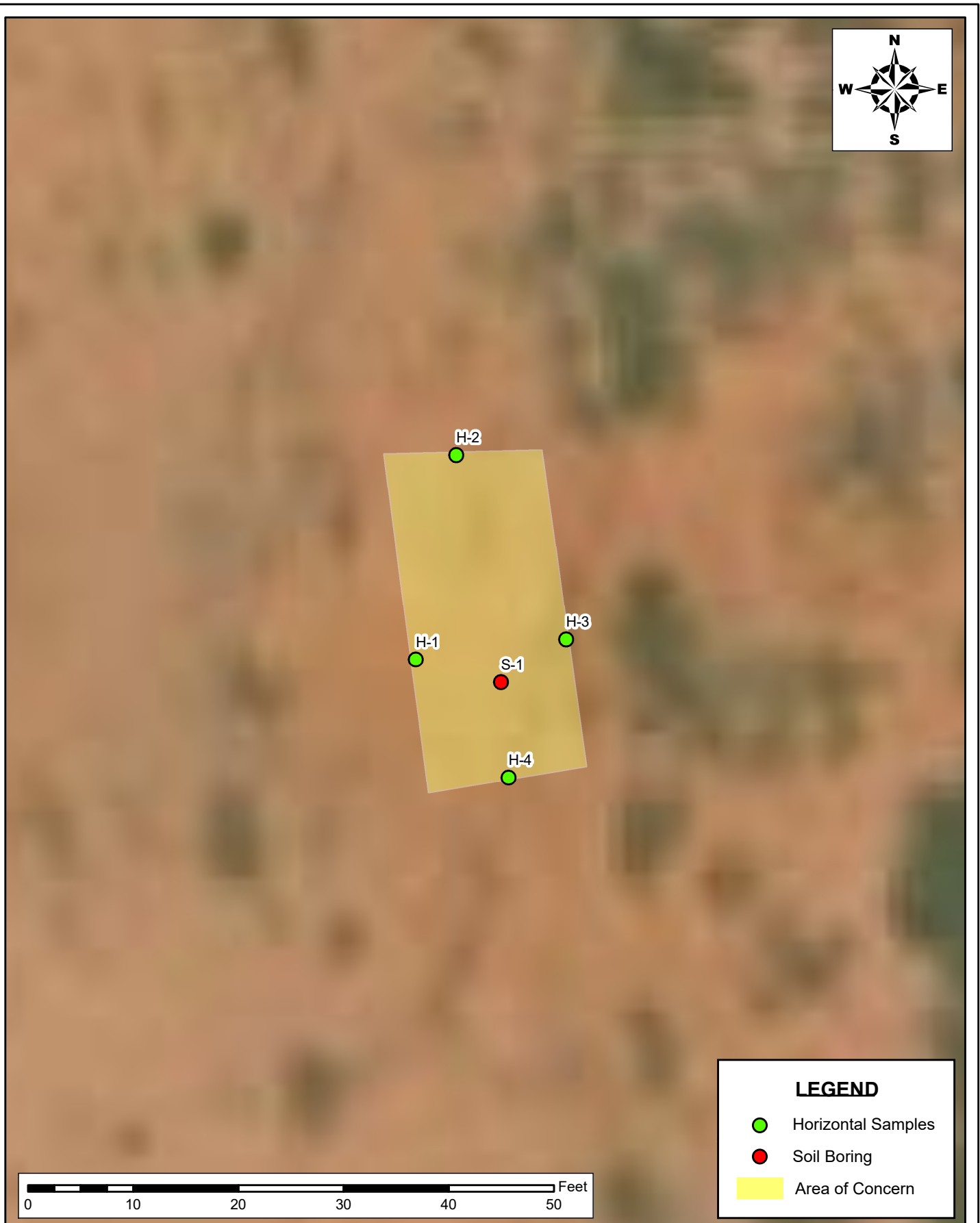
DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1

Document Path: P:\2022 PROJECTS\DEVON\SC226009 - Cotton Draw Unit 212H\7- Figures\GIS\Figure_3_SA.mxd



SITE LOCATION MAP
SITE ASSESSMENT REPORT
 COTTON DRAW UNIT 212H
 DEVON ENERGY PRODUCTION COMPANY, LLC
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown Date: 8/17/2022 PROJECT #: 226009

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



NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 1

Facility: Cotton Draw Unit 212H

County: Eddy County, New Mexico

Description:
view of release area

**Photograph No. 2**

Facility: Cotton Draw Unit 212H

County: Eddy County, New Mexico

Description:
view of release area

**Photograph No. 3**

Facility: Cotton Draw Unit 212H

County: Eddy County, New Mexico

Description:
view of release area



PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 4

Facility: Cotton Draw Unit 212H

County: Eddy County, New Mexico

Description:
view of release area

**Photograph No. 5**

Facility: Cotton Draw Unit 212H

County: Eddy County, New Mexico

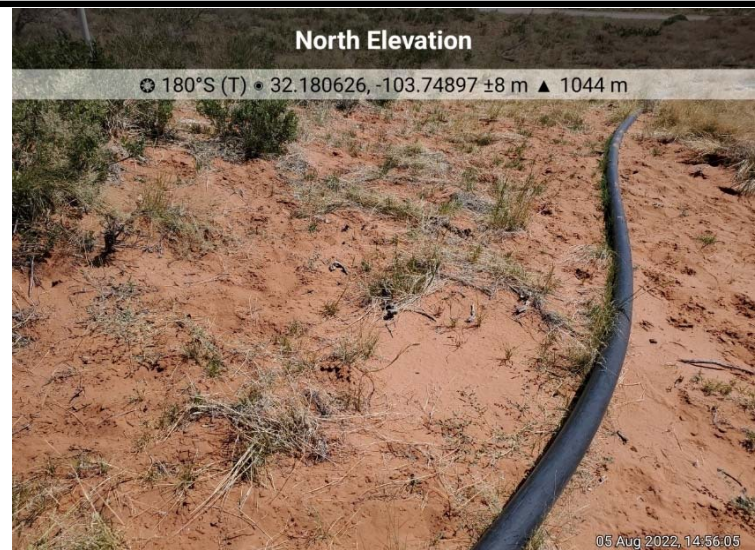
Description:
view of release area

**Photograph No. 6**

Facility: Cotton Draw Unit 212H

County: Eddy County, New Mexico

Description:
view of release area



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



Environment Testing America

ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-2732-1

Client Project/Site: Cotton Draw Unit 212H

For:

NT Global
701 Tradewinds Blvd
Midland, Texas 79706

Attn: Ethan Sessums

A handwritten signature in black ink that reads "Jessica Kramer".

Authorized for release by:
8/22/2022 1:58:56 PM

Jessica Kramer, Project Manager
(432)704-5440

Jessica.Kramer@et.eurofinsus.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Laboratory Job ID: 890-2732-1

Table of Contents

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Definitions/Glossary

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

Qualifiers

GC VOA

| Qualifier | Qualifier Description |
|-----------|--|
| F2 | MS/MSD RPD exceeds control limits |
| U | Indicates the analyte was analyzed for but not detected. |

GC Semi VOA

| Qualifier | Qualifier Description |
|-----------|--|
| *+ | LCS and/or LCSD is outside acceptance limits, high biased. |
| F1 | MS and/or MSD recovery exceeds control limits. |
| S1- | Surrogate recovery exceeds control limits, low biased. |
| S1+ | Surrogate recovery exceeds control limits, high biased. |
| U | Indicates the analyte was analyzed for but not detected. |

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 |

Eurofins Carlsbad

Case Narrative

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

Job ID: 890-2732-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-2732-1

Receipt

The samples were received on 8/8/2022 9:08 AM. 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 6.0°C

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria: H-1 (890-2732-1), H-2 (890-2732-2), H-3 (890-2732-3), H-4 (890-2732-4) and S-1 (890-2732-5). This does not meet regulatory requirements. The client was contacted regarding this issue, and the laboratory was instructed to <CHOOSE_ONE> proceed with/cancel analysis. Samples received out of temp range 6.2/6.0 client notified and wanted to proceed.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-31861 and analytical batch 880-32007 was outside control limits. Sample non-homogeneity is suspected.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) sample: (890-2732-A-1-B MS). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: H-3 (890-2732-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-31853 and analytical batch 880-31943 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-32291/2-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-32291 and analytical batch 880-32193 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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: Cotton Draw Unit 212H

Job ID: 890-2732-1

Client Sample ID: H-1

Lab Sample ID: 890-2732-1

Date Collected: 08/05/22 12:00

Matrix: Solid

Date Received: 08/08/22 09:08

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | 0.0102 | | 0.00200 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:03 | 1 |
| Toluene | 0.0343 | | 0.00200 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:03 | 1 |
| Ethylbenzene | 0.00825 | | 0.00200 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:03 | 1 |
| m-Xylene & p-Xylene | 0.00981 | | 0.00399 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:03 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:03 | 1 |
| Xylenes, Total | 0.00981 | | 0.00399 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:03 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 78 | | 70 - 130 | 08/09/22 15:47 | 08/11/22 23:03 | 1 |
| 1,4-Difluorobenzene (Surr) | 91 | | 70 - 130 | 08/09/22 15:47 | 08/11/22 23:03 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|--------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | 0.0626 | | 0.00399 | | mg/Kg | | | 08/12/22 10:15 | 1 |

Method: 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 | | | 08/12/22 09:16 | 1 |

Method: 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 | | 08/09/22 15:10 | 08/11/22 11:21 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U F1 | 49.9 | | mg/Kg | | 08/09/22 15:10 | 08/11/22 11:21 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 08/09/22 15:10 | 08/11/22 11:21 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 79 | | 70 - 130 | | | | 08/09/22 15:10 | 08/11/22 11:21 | 1 |
| o-Terphenyl | 88 | | 70 - 130 | | | | 08/09/22 15:10 | 08/11/22 11:21 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 7.85 | | 5.00 | | mg/Kg | | | 08/17/22 17:07 | 1 |

Client Sample ID: H-2

Lab Sample ID: 890-2732-2

Date Collected: 08/05/22 12:00

Matrix: Solid

Date Received: 08/08/22 09:08

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | 0.00633 | | 0.00199 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:24 | 1 |
| Toluene | 0.0242 | | 0.00199 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:24 | 1 |
| Ethylbenzene | 0.00574 | | 0.00199 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:24 | 1 |
| m-Xylene & p-Xylene | 0.0110 | | 0.00398 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:24 | 1 |
| o-Xylene | <0.00199 | U | 0.00199 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:24 | 1 |
| Xylenes, Total | 0.0110 | | 0.00398 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:24 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 98 | | 70 - 130 | 08/09/22 15:47 | 08/11/22 23:24 | 1 |
| 1,4-Difluorobenzene (Surr) | 109 | | 70 - 130 | 08/09/22 15:47 | 08/11/22 23:24 | 1 |

Eurofins Carlsbad

Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

Client Sample ID: H-2

Lab Sample ID: 890-2732-2

Date Collected: 08/05/22 12:00

Matrix: Solid

Date Received: 08/08/22 09:08

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|--------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | 0.0473 | | 0.00398 | | mg/Kg | | | 08/12/22 10:15 | 1 |

Method: 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 | | | 08/12/22 09:16 | 1 |

Method: 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 | | 08/09/22 15:10 | 08/11/22 12:26 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U | 49.9 | | mg/Kg | | 08/09/22 15:10 | 08/11/22 12:26 | 1 |
| Oil Range Organics (Over C28-C36) | <49.9 | U | 49.9 | | mg/Kg | | 08/09/22 15:10 | 08/11/22 12:26 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 89 | | 70 - 130 | | | | 08/09/22 15:10 | 08/11/22 12:26 | 1 |
| o-Terphenyl | 100 | | 70 - 130 | | | | 08/09/22 15:10 | 08/11/22 12:26 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | <5.02 | U | 5.02 | | mg/Kg | | | 08/17/22 17:31 | 1 |

Client Sample ID: H-3

Lab Sample ID: 890-2732-3

Date Collected: 08/05/22 12:00

Matrix: Solid

Date Received: 08/08/22 09:08

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00201 | U | 0.00201 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:44 | 1 |
| Toluene | 0.0281 | | 0.00201 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:44 | 1 |
| Ethylbenzene | 0.00825 | | 0.00201 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:44 | 1 |
| m-Xylene & p-Xylene | 0.0110 | | 0.00402 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:44 | 1 |
| o-Xylene | 0.00256 | | 0.00201 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:44 | 1 |
| Xylenes, Total | 0.0136 | | 0.00402 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 23:44 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 73 | | 70 - 130 | | | | 08/09/22 15:47 | 08/11/22 23:44 | 1 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 | | | | 08/09/22 15:47 | 08/11/22 23:44 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|--------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | 0.0499 | | 0.00402 | | mg/Kg | | | 08/12/22 10:15 | 1 |

Method: 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 | | | 08/12/22 09:16 | 1 |

Method: 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 | | 08/09/22 15:10 | 08/11/22 12:48 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 08/09/22 15:10 | 08/11/22 12:48 | 1 |

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

Client Sample ID: H-3

Lab Sample ID: 890-2732-3

Date Collected: 08/05/22 12:00

Matrix: Solid

Date Received: 08/08/22 09:08

Method: 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 | | 08/09/22 15:10 | 08/11/22 12:48 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 60 | S1- | 70 - 130 | | | | 08/09/22 15:10 | 08/11/22 12:48 | 1 |
| o-Terphenyl | 85 | | 70 - 130 | | | | 08/09/22 15:10 | 08/11/22 12:48 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 261 | | 5.01 | | mg/Kg | | | 08/17/22 17:39 | 1 |

Client Sample ID: H-4

Lab Sample ID: 890-2732-4

Date Collected: 08/05/22 12:00

Matrix: Solid

Date Received: 08/08/22 09:08

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|-----|-------|---|----------------|----------------|---------|
| Benzene | 0.0297 | | 0.00201 | | mg/Kg | | 08/09/22 15:47 | 08/12/22 00:05 | 1 |
| Toluene | 0.119 | | 0.00201 | | mg/Kg | | 08/09/22 15:47 | 08/12/22 00:05 | 1 |
| Ethylbenzene | 0.0212 | | 0.00201 | | mg/Kg | | 08/09/22 15:47 | 08/12/22 00:05 | 1 |
| m-Xylene & p-Xylene | 0.0314 | | 0.00402 | | mg/Kg | | 08/09/22 15:47 | 08/12/22 00:05 | 1 |
| o-Xylene | 0.00621 | | 0.00201 | | mg/Kg | | 08/09/22 15:47 | 08/12/22 00:05 | 1 |
| Xylenes, Total | 0.0376 | | 0.00402 | | mg/Kg | | 08/09/22 15:47 | 08/12/22 00:05 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 85 | | 70 - 130 | | | | 08/09/22 15:47 | 08/12/22 00:05 | 1 |
| 1,4-Difluorobenzene (Surr) | 91 | | 70 - 130 | | | | 08/09/22 15:47 | 08/12/22 00:05 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|--------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | 0.208 | | 0.00402 | | mg/Kg | | | 08/12/22 10:15 | 1 |

Method: 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 | | | 08/12/22 09:16 | 1 |

Method: 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 | | 08/09/22 15:10 | 08/11/22 13:10 | 1 |
| Diesel Range Organics (Over C10-C28) | <49.8 | U | 49.8 | | mg/Kg | | 08/09/22 15:10 | 08/11/22 13:10 | 1 |
| Oil Range Organics (Over C28-C36) | <49.8 | U | 49.8 | | mg/Kg | | 08/09/22 15:10 | 08/11/22 13:10 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 83 | | 70 - 130 | | | | 08/09/22 15:10 | 08/11/22 13:10 | 1 |
| o-Terphenyl | 91 | | 70 - 130 | | | | 08/09/22 15:10 | 08/11/22 13:10 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 6.25 | | 5.01 | | mg/Kg | | | 08/17/22 18:02 | 1 |

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Client Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

Client Sample ID: S-1

Lab Sample ID: 890-2732-5

Date Collected: 08/05/22 12:00

Matrix: Solid

Date Received: 08/08/22 09:08

Method: 8021B - Volatile Organic Compounds (GC)

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|----------|-----------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/09/22 15:47 | 08/12/22 00:25 | 1 |
| Toluene | 0.0289 | | 0.00200 | | mg/Kg | | 08/09/22 15:47 | 08/12/22 00:25 | 1 |
| Ethylbenzene | 0.00908 | | 0.00200 | | mg/Kg | | 08/09/22 15:47 | 08/12/22 00:25 | 1 |
| m-Xylene & p-Xylene | 0.0114 | | 0.00399 | | mg/Kg | | 08/09/22 15:47 | 08/12/22 00:25 | 1 |
| o-Xylene | 0.00246 | | 0.00200 | | mg/Kg | | 08/09/22 15:47 | 08/12/22 00:25 | 1 |
| Xylenes, Total | 0.0139 | | 0.00399 | | mg/Kg | | 08/09/22 15:47 | 08/12/22 00:25 | 1 |

| Surrogate | %Recovery | Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 74 | | 70 - 130 | 08/09/22 15:47 | 08/12/22 00:25 | 1 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 | 08/09/22 15:47 | 08/12/22 00:25 | 1 |

Method: Total BTEX - Total BTEX Calculation

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|------------|--------|-----------|---------|-----|-------|---|----------|----------------|---------|
| Total BTEX | 0.0518 | | 0.00399 | | mg/Kg | | | 08/12/22 10:15 | 1 |

Method: 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 | | | 08/12/22 09:16 | 1 |

Method: 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 | | 08/17/22 08:20 | 08/17/22 14:24 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U * | 50.0 | | mg/Kg | | 08/17/22 08:20 | 08/17/22 14:24 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 08/17/22 08:20 | 08/17/22 14:24 | 1 |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 103 | | 70 - 130 | | | | 08/17/22 08:20 | 08/17/22 14:24 | 1 |
| o-Terphenyl | 98 | | 70 - 130 | | | | 08/17/22 08:20 | 08/17/22 14:24 | 1 |

Method: 300.0 - Anions, Ion Chromatography - Soluble

| Analyte | Result | Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|----------|--------|-----------|------|-----|-------|---|----------|----------------|---------|
| Chloride | 38.1 | | 4.99 | | mg/Kg | | | 08/17/22 18:10 | 1 |

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Surrogate Summary

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

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) | | | | |
| 880-17785-A-21-C MS | Matrix Spike | 105 | 103 | | | | |
| 880-17785-A-21-D MSD | Matrix Spike Duplicate | 98 | 108 | | | | |
| 880-17971-A-1-G MS | Matrix Spike | 101 | 99 | | | | |
| 880-17971-A-1-H MSD | Matrix Spike Duplicate | 99 | 99 | | | | |
| 890-2732-1 | H-1 | 78 | 91 | | | | |
| 890-2732-2 | H-2 | 98 | 109 | | | | |
| 890-2732-3 | H-3 | 73 | 99 | | | | |
| 890-2732-4 | H-4 | 85 | 91 | | | | |
| 890-2732-5 | S-1 | 74 | 97 | | | | |
| LCS 880-31861/1-A | Lab Control Sample | 103 | 97 | | | | |
| LCS 880-32010/1-A | Lab Control Sample | 101 | 98 | | | | |
| LCSD 880-31861/2-A | Lab Control Sample Dup | 96 | 98 | | | | |
| LCSD 880-32010/2-A | Lab Control Sample Dup | 99 | 100 | | | | |
| MB 880-31861/5-A | Method Blank | 93 | 104 | | | | |
| MB 880-32010/5-A | Method Blank | 93 | 101 | | | | |
| Surrogate Legend | | | | | | | |
| BFB = 4-Bromofluorobenzene (Surr) | | | | | | | |
| DFBZ = 1,4-Difluorobenzene (Surr) | | | | | | | |

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

Matrix: Solid

Prep Type: Total/NA

| | | Percent Surrogate Recovery (Acceptance Limits) | | | | | |
|-------------------------|------------------------|--|----------|--|--|--|--|
| Lab Sample ID | Client Sample ID | 1CO1 | OTPH1 | | | | |
| | | (70-130) | (70-130) | | | | |
| 880-18225-A-1-B MS | Matrix Spike | 96 | 84 | | | | |
| 880-18225-A-1-C MSD | Matrix Spike Duplicate | 98 | 86 | | | | |
| 890-2732-1 | H-1 | 79 | 88 | | | | |
| 890-2732-1 MS | H-1 | 71 | 67 S1- | | | | |
| 890-2732-1 MSD | H-1 | 73 | 71 | | | | |
| 890-2732-2 | H-2 | 89 | 100 | | | | |
| 890-2732-3 | H-3 | 60 S1- | 85 | | | | |
| 890-2732-4 | H-4 | 83 | 91 | | | | |
| 890-2732-5 | S-1 | 103 | 98 | | | | |
| LCS 880-31853/2-A | Lab Control Sample | 103 | 103 | | | | |
| LCS 880-32291/2-A | Lab Control Sample | 139 S1+ | 141 S1+ | | | | |
| LCSD 880-31853/3-A | Lab Control Sample Dup | 119 | 122 | | | | |
| LCSD 880-32291/3-A | Lab Control Sample Dup | 120 | 118 | | | | |
| MB 880-31853/1-A | Method Blank | 93 | 112 | | | | |
| MB 880-32291/1-A | Method Blank | 109 | 110 | | | | |
| Surrogate Legend | | | | | | | |
| 1CO = 1-Chlorooctane | | | | | | | |
| OTPH = o-Terphenyl | | | | | | | |

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-31861/5-A

Matrix: Solid

Analysis Batch: 32007

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31861

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|--------------|-----------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 15:56 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 15:56 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 15:56 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 15:56 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 15:56 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 08/09/22 15:47 | 08/11/22 15:56 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|-----------------|-----------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 93 | | 70 - 130 | 08/09/22 15:47 | 08/11/22 15:56 | 1 |
| 1,4-Difluorobenzene (Surr) | 104 | | 70 - 130 | 08/09/22 15:47 | 08/11/22 15:56 | 1 |

Lab Sample ID: LCS 880-31861/1-A

Matrix: Solid

Analysis Batch: 32007

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31861

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|----------------|---------------|------------------|-------|---|------|----------------|
| Benzene | 0.100 | 0.09393 | | mg/Kg | | 94 | 70 - 130 |
| Toluene | 0.100 | 0.1024 | | mg/Kg | | 102 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.1067 | | mg/Kg | | 107 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.2196 | | mg/Kg | | 110 | 70 - 130 |
| o-Xylene | 0.100 | 0.1061 | | mg/Kg | | 106 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|------------------|------------------|----------|
| 4-Bromofluorobenzene (Surr) | 103 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 97 | | 70 - 130 |

Lab Sample ID: LCSD 880-31861/2-A

Matrix: Solid

Analysis Batch: 32007

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31861

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|----------------|----------------|-------------------|-------|---|------|----------------|-----|--------------|
| Benzene | 0.100 | 0.1034 | | mg/Kg | | 103 | 70 - 130 | 10 | 35 |
| Toluene | 0.100 | 0.1019 | | mg/Kg | | 102 | 70 - 130 | 0 | 35 |
| Ethylbenzene | 0.100 | 0.1052 | | mg/Kg | | 105 | 70 - 130 | 1 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.2143 | | mg/Kg | | 107 | 70 - 130 | 2 | 35 |
| o-Xylene | 0.100 | 0.1038 | | mg/Kg | | 104 | 70 - 130 | 2 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|-------------------|-------------------|----------|
| 4-Bromofluorobenzene (Surr) | 96 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 |

Lab Sample ID: 880-17785-A-21-C MS

Matrix: Solid

Analysis Batch: 32007

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 31861

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|
| Benzene | <0.00200 | U | 0.0998 | 0.1199 | | mg/Kg | | 120 | 70 - 130 |
| Toluene | <0.00200 | U | 0.0998 | 0.1107 | | mg/Kg | | 111 | 70 - 130 |

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

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

Lab Sample ID: 880-17785-A-21-C MS

Matrix: Solid

Analysis Batch: 32007

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 31861

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Ethylbenzene | <0.00200 | U F2 | 0.0998 | 0.1129 | | mg/Kg | | 113 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00401 | U F2 | 0.200 | 0.2330 | | mg/Kg | | 117 | 70 - 130 |
| o-Xylene | <0.00200 | U F2 | 0.0998 | 0.1130 | | mg/Kg | | 113 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|-----------------------------|--------------|--------------|----------|
| 4-Bromofluorobenzene (Surr) | 105 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 103 | | 70 - 130 |

Lab Sample ID: 880-17785-A-21-D MSD

Matrix: Solid

Analysis Batch: 32007

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 31861

| 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 | 0.1101 | | mg/Kg | | 110 | 70 - 130 | 9 | 35 |
| Toluene | <0.00200 | U | 0.100 | 0.08283 | | mg/Kg | | 82 | 70 - 130 | 29 | 35 |
| Ethylbenzene | <0.00200 | U F2 | 0.100 | 0.07374 | F2 | mg/Kg | | 73 | 70 - 130 | 42 | 35 |
| m-Xylene & p-Xylene | <0.00401 | U F2 | 0.201 | 0.1474 | F2 | mg/Kg | | 73 | 70 - 130 | 45 | 35 |
| o-Xylene | <0.00200 | U F2 | 0.100 | 0.07288 | F2 | mg/Kg | | 73 | 70 - 130 | 43 | 35 |

| Surrogate | MSD %Recovery | MSD Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 98 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 108 | | 70 - 130 |

Lab Sample ID: MB 880-32010/5-A

Matrix: Solid

Analysis Batch: 32007

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32010

| Analyte | MB Result | MB Qualifier | RL | MDL | Unit | D | Prepared | Analyzed | Dil Fac |
|---------------------|-----------|--------------|---------|-----|-------|---|----------------|----------------|---------|
| Benzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/11/22 13:38 | 08/12/22 03:35 | 1 |
| Toluene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/11/22 13:38 | 08/12/22 03:35 | 1 |
| Ethylbenzene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/11/22 13:38 | 08/12/22 03:35 | 1 |
| m-Xylene & p-Xylene | <0.00400 | U | 0.00400 | | mg/Kg | | 08/11/22 13:38 | 08/12/22 03:35 | 1 |
| o-Xylene | <0.00200 | U | 0.00200 | | mg/Kg | | 08/11/22 13:38 | 08/12/22 03:35 | 1 |
| Xylenes, Total | <0.00400 | U | 0.00400 | | mg/Kg | | 08/11/22 13:38 | 08/12/22 03:35 | 1 |

| Surrogate | MB %Recovery | MB Qualifier | Limits | Prepared | Analyzed | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 93 | | 70 - 130 | 08/11/22 13:38 | 08/12/22 03:35 | 1 |
| 1,4-Difluorobenzene (Surr) | 101 | | 70 - 130 | 08/11/22 13:38 | 08/12/22 03:35 | 1 |

Lab Sample ID: LCS 880-32010/1-A

Matrix: Solid

Analysis Batch: 32007

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32010

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzene | 0.100 | 0.09744 | | mg/Kg | | 97 | 70 - 130 |
| Toluene | 0.100 | 0.1021 | | mg/Kg | | 102 | 70 - 130 |
| Ethylbenzene | 0.100 | 0.1056 | | mg/Kg | | 106 | 70 - 130 |
| m-Xylene & p-Xylene | 0.200 | 0.2158 | | mg/Kg | | 108 | 70 - 130 |

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

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

Lab Sample ID: LCS 880-32010/1-A

Matrix: Solid

Analysis Batch: 32007

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32010

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| o-Xylene | 0.100 | 0.1072 | | mg/Kg | | 107 | 70 - 130 |

| Surrogate | LCS %Recovery | LCS Qualifier | Limits |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 101 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 98 | | 70 - 130 |

Lab Sample ID: LCSD 880-32010/2-A

Matrix: Solid

Analysis Batch: 32007

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32010

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Benzene | 0.100 | 0.1031 | | mg/Kg | | 103 | 70 - 130 | 6 | 35 |
| Toluene | 0.100 | 0.1017 | | mg/Kg | | 102 | 70 - 130 | 0 | 35 |
| Ethylbenzene | 0.100 | 0.1052 | | mg/Kg | | 105 | 70 - 130 | 0 | 35 |
| m-Xylene & p-Xylene | 0.200 | 0.2144 | | mg/Kg | | 107 | 70 - 130 | 1 | 35 |
| o-Xylene | 0.100 | 0.1051 | | mg/Kg | | 105 | 70 - 130 | 2 | 35 |

| Surrogate | LCSD %Recovery | LCSD Qualifier | Limits |
|-----------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr) | 99 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 100 | | 70 - 130 |

Lab Sample ID: 880-17971-A-1-G MS

Matrix: Solid

Analysis Batch: 32007

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32010

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|---------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Benzene | <0.00199 | U | 0.101 | 0.09791 | | mg/Kg | | 97 | 70 - 130 |
| Toluene | <0.00199 | U | 0.101 | 0.09258 | | mg/Kg | | 92 | 70 - 130 |
| Ethylbenzene | <0.00199 | U | 0.101 | 0.08611 | | mg/Kg | | 85 | 70 - 130 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.202 | 0.1721 | | mg/Kg | | 85 | 70 - 130 |
| o-Xylene | <0.00199 | U | 0.101 | 0.08436 | | mg/Kg | | 84 | 70 - 130 |

| Surrogate | MS %Recovery | MS Qualifier | Limits |
|-----------------------------|--------------|--------------|----------|
| 4-Bromofluorobenzene (Surr) | 101 | | 70 - 130 |
| 1,4-Difluorobenzene (Surr) | 99 | | 70 - 130 |

Lab Sample ID: 880-17971-A-1-H MSD

Matrix: Solid

Analysis Batch: 32007

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32010

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|---------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Benzene | <0.00199 | U | 0.100 | 0.09717 | | mg/Kg | | 97 | 70 - 130 | 1 | 35 |
| Toluene | <0.00199 | U | 0.100 | 0.09134 | | mg/Kg | | 91 | 70 - 130 | 1 | 35 |
| Ethylbenzene | <0.00199 | U | 0.100 | 0.08551 | | mg/Kg | | 85 | 70 - 130 | 1 | 35 |
| m-Xylene & p-Xylene | <0.00398 | U | 0.200 | 0.1703 | | mg/Kg | | 85 | 70 - 130 | 1 | 35 |
| o-Xylene | <0.00199 | U | 0.100 | 0.08356 | | mg/Kg | | 83 | 70 - 130 | 1 | 35 |

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

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

Lab Sample ID: 880-17971-A-1-H MSD

Matrix: Solid

Analysis Batch: 32007

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32010

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

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

Lab Sample ID: MB 880-31853/1-A

Matrix: Solid

Analysis Batch: 31943

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 31853

| | 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 | | 08/09/22 15:10 | 08/11/22 10:17 | 1 | |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 08/09/22 15:10 | 08/11/22 10:17 | 1 | |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 08/09/22 15:10 | 08/11/22 10:17 | 1 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | Prepared | Analyzed | Dil | Fac |
| 1-Chlorooctane | 93 | | 70 - 130 | | | | 08/09/22 15:10 | 08/11/22 10:17 | 1 | |
| o-Terphenyl | 112 | | 70 - 130 | | | | 08/09/22 15:10 | 08/11/22 10:17 | 1 | |

Lab Sample ID: LCS 880-31853/2-A

Matrix: Solid

Analysis Batch: 31943

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 31853

| | Spike | LCS | LCS | | | | | %Rec | | |
|--------------------------------------|-----------|-----------|-----------|-------|---|------|----------|------|--|--|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | | | |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 925.9 | | mg/Kg | | 93 | 70 - 130 | | | |
| Diesel Range Organics (Over C10-C28) | 1000 | 926.0 | | mg/Kg | | 93 | 70 - 130 | | | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | |
| 1-Chlorooctane | 103 | | 70 - 130 | | | | | | | |
| o-Terphenyl | 103 | | 70 - 130 | | | | | | | |

Lab Sample ID: LCSD 880-31853/3-A

Matrix: Solid

Analysis Batch: 31943

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 31853

| | Spike | LCSD | LCSD | | | | %Rec | | RPD | |
|--------------------------------------|-----------|-----------|-----------|-------|---|------|----------|-----|-------|--|
| Analyte | Added | Result | Qualifier | Unit | D | %Rec | Limits | RPD | Limit | |
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1030 | | mg/Kg | | 103 | 70 - 130 | 11 | 20 | |
| Diesel Range Organics (Over C10-C28) | 1000 | 1070 | | mg/Kg | | 107 | 70 - 130 | 14 | 20 | |
| Surrogate | %Recovery | Qualifier | Limits | | | | | | | |
| 1-Chlorooctane | 119 | | 70 - 130 | | | | | | | |
| o-Terphenyl | 122 | | 70 - 130 | | | | | | | |

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

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

Lab Sample ID: 890-2732-1 MS

Matrix: Solid

Analysis Batch: 31943

Client Sample ID: H-1

Prep Type: Total/NA

Prep Batch: 31853

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 999 | 974.0 | | mg/Kg | | 95 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U F1 | 999 | 623.0 | F1 | mg/Kg | | 62 | 70 - 130 |
| Surrogate | MS %Recovery | MS Qualifier | Limits | | | | | | |
| 1-Chlorooctane | 71 | | 70 - 130 | | | | | | |
| o-Terphenyl | 67 | S1- | 70 - 130 | | | | | | |

Lab Sample ID: 890-2732-1 MSD

Matrix: Solid

Analysis Batch: 31943

Client Sample ID: H-1

Prep Type: Total/NA

Prep Batch: 31853

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 999 | 929.9 | | mg/Kg | | 91 | 70 - 130 | 5 | 20 |
| Diesel Range Organics (Over C10-C28) | <49.9 | U F1 | 999 | 668.7 | F1 | mg/Kg | | 67 | 70 - 130 | 7 | 20 |
| Surrogate | MSD %Recovery | MSD Qualifier | Limits | | | | | | | | |
| 1-Chlorooctane | 73 | | 70 - 130 | | | | | | | | |
| o-Terphenyl | 71 | | 70 - 130 | | | | | | | | |

Lab Sample ID: MB 880-32291/1-A

Matrix: Solid

Analysis Batch: 32193

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32291

| 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 | | 08/17/22 08:20 | 08/17/22 10:45 | 1 |
| Diesel Range Organics (Over C10-C28) | <50.0 | U | 50.0 | | mg/Kg | | 08/17/22 08:20 | 08/17/22 10:45 | 1 |
| Oil Range Organics (Over C28-C36) | <50.0 | U | 50.0 | | mg/Kg | | 08/17/22 08:20 | 08/17/22 10:45 | 1 |
| Surrogate | MB %Recovery | MB Qualifier | Limits | | | | Prepared | Analyzed | Dil Fac |
| 1-Chlorooctane | 109 | | 70 - 130 | | | | 08/17/22 08:20 | 08/17/22 10:45 | 1 |
| o-Terphenyl | 110 | | 70 - 130 | | | | 08/17/22 08:20 | 08/17/22 10:45 | 1 |

Lab Sample ID: LCS 880-32291/2-A

Matrix: Solid

Analysis Batch: 32193

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32291

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|-------------|------------|---------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 1183 | | mg/Kg | | 118 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1358 | *+ | mg/Kg | | 136 | 70 - 130 |

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

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

Lab Sample ID: LCS 880-32291/2-A

Matrix: Solid

Analysis Batch: 32193

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32291

| | LCS | LCS | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 139 | S1+ | 70 - 130 |
| o-Terphenyl | 141 | S1+ | 70 - 130 |

Lab Sample ID: LCSD 880-32291/3-A

Matrix: Solid

Analysis Batch: 32193

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32291

| Analyte | Spike Added | LCSD Result | LCSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000 | 999.5 | | mg/Kg | | 100 | 70 - 130 | 17 | 20 |
| Diesel Range Organics (Over C10-C28) | 1000 | 1152 | | mg/Kg | | 115 | 70 - 130 | 16 | 20 |

| | LCSD | LCSD | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 120 | | 70 - 130 |
| o-Terphenyl | 118 | | 70 - 130 |

Lab Sample ID: 880-18225-A-1-B MS

Matrix: Solid

Analysis Batch: 32193

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32291

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|--------------------------------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 999 | 893.9 | | mg/Kg | | 89 | 70 - 130 |
| Diesel Range Organics (Over C10-C28) | 531 | *+ | 999 | 1658 | | mg/Kg | | 113 | 70 - 130 |

| | MS | MS | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 96 | | 70 - 130 |
| o-Terphenyl | 84 | | 70 - 130 |

Lab Sample ID: 880-18225-A-1-C MSD

Matrix: Solid

Analysis Batch: 32193

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32291

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9 | U | 998 | 901.3 | | mg/Kg | | 90 | 70 - 130 | 1 | 20 |
| Diesel Range Organics (Over C10-C28) | 531 | *+ | 998 | 1698 | | mg/Kg | | 117 | 70 - 130 | 2 | 20 |

| | MSD | MSD | |
|----------------|-----------|-----------|----------|
| Surrogate | %Recovery | Qualifier | Limits |
| 1-Chlorooctane | 98 | | 70 - 130 |
| o-Terphenyl | 86 | | 70 - 130 |

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QC Sample Results

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-31858/1-A

Matrix: Solid

Analysis Batch: 31926

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 | | | 08/17/22 14:54 | 1 |

Lab Sample ID: LCS 880-31858/2-A

Matrix: Solid

Analysis Batch: 31926

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte | Spike Added | LCS Result | LCS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|----------------|---------------|------------------|-------|---|------|----------------|
| Chloride | 250 | 257.0 | | mg/Kg | | 103 | 90 - 110 |

Lab Sample ID: LCSD 880-31858/3-A

Matrix: Solid

Analysis Batch: 31926

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 | 257.1 | | mg/Kg | | 103 | 90 - 110 | 0 | 20 |

Lab Sample ID: 890-2732-1 MS

Matrix: Solid

Analysis Batch: 31926

Client Sample ID: H-1

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit | D | %Rec | %Rec Limits |
|----------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|
| Chloride | 7.85 | | 250 | 276.5 | | mg/Kg | | 107 | 90 - 110 |

Lab Sample ID: 890-2732-1 MSD

Matrix: Solid

Analysis Batch: 31926

Client Sample ID: H-1

Prep Type: Soluble

| Analyte | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|----------------|-----|--------------|
| Chloride | 7.85 | | 250 | 276.4 | | mg/Kg | | 107 | 90 - 110 | 0 | 20 |

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QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

GC VOA

Prep Batch: 31861

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 890-2732-1 | H-1 | Total/NA | Solid | 5035 | |
| 890-2732-2 | H-2 | Total/NA | Solid | 5035 | |
| 890-2732-3 | H-3 | Total/NA | Solid | 5035 | |
| 890-2732-4 | H-4 | Total/NA | Solid | 5035 | |
| 890-2732-5 | S-1 | Total/NA | Solid | 5035 | |
| MB 880-31861/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-31861/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-31861/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-17785-A-21-C MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-17785-A-21-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

Analysis Batch: 32007

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|----------------------|------------------------|-----------|--------|--------|------------|
| 890-2732-1 | H-1 | Total/NA | Solid | 8021B | 31861 |
| 890-2732-2 | H-2 | Total/NA | Solid | 8021B | 31861 |
| 890-2732-3 | H-3 | Total/NA | Solid | 8021B | 31861 |
| 890-2732-4 | H-4 | Total/NA | Solid | 8021B | 31861 |
| 890-2732-5 | S-1 | Total/NA | Solid | 8021B | 31861 |
| MB 880-31861/5-A | Method Blank | Total/NA | Solid | 8021B | 31861 |
| MB 880-32010/5-A | Method Blank | Total/NA | Solid | 8021B | 32010 |
| LCS 880-31861/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 31861 |
| LCS 880-32010/1-A | Lab Control Sample | Total/NA | Solid | 8021B | 32010 |
| LCSD 880-31861/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 31861 |
| LCSD 880-32010/2-A | Lab Control Sample Dup | Total/NA | Solid | 8021B | 32010 |
| 880-17785-A-21-C MS | Matrix Spike | Total/NA | Solid | 8021B | 31861 |
| 880-17785-A-21-D MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 31861 |
| 880-17971-A-1-G MS | Matrix Spike | Total/NA | Solid | 8021B | 32010 |
| 880-17971-A-1-H MSD | Matrix Spike Duplicate | Total/NA | Solid | 8021B | 32010 |

Prep Batch: 32010

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|--------|------------|
| MB 880-32010/5-A | Method Blank | Total/NA | Solid | 5035 | |
| LCS 880-32010/1-A | Lab Control Sample | Total/NA | Solid | 5035 | |
| LCSD 880-32010/2-A | Lab Control Sample Dup | Total/NA | Solid | 5035 | |
| 880-17971-A-1-G MS | Matrix Spike | Total/NA | Solid | 5035 | |
| 880-17971-A-1-H MSD | Matrix Spike Duplicate | Total/NA | Solid | 5035 | |

Analysis Batch: 32079

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 890-2732-1 | H-1 | Total/NA | Solid | Total BTEX | |
| 890-2732-2 | H-2 | Total/NA | Solid | Total BTEX | |
| 890-2732-3 | H-3 | Total/NA | Solid | Total BTEX | |
| 890-2732-4 | H-4 | Total/NA | Solid | Total BTEX | |
| 890-2732-5 | S-1 | Total/NA | Solid | Total BTEX | |

GC Semi VOA

Prep Batch: 31853

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|-------------|------------|
| 890-2732-1 | H-1 | Total/NA | Solid | 8015NM Prep | |
| 890-2732-2 | H-2 | Total/NA | Solid | 8015NM Prep | |

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QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

GC Semi VOA (Continued)

Prep Batch: 31853 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|-------------|------------|
| 890-2732-3 | H-3 | Total/NA | Solid | 8015NM Prep | |
| 890-2732-4 | H-4 | Total/NA | Solid | 8015NM Prep | |
| MB 880-31853/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-31853/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-31853/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 890-2732-1 MS | H-1 | Total/NA | Solid | 8015NM Prep | |
| 890-2732-1 MSD | H-1 | Total/NA | Solid | 8015NM Prep | |

Analysis Batch: 31943

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 890-2732-1 | H-1 | Total/NA | Solid | 8015B NM | 31853 |
| 890-2732-2 | H-2 | Total/NA | Solid | 8015B NM | 31853 |
| 890-2732-3 | H-3 | Total/NA | Solid | 8015B NM | 31853 |
| 890-2732-4 | H-4 | Total/NA | Solid | 8015B NM | 31853 |
| MB 880-31853/1-A | Method Blank | Total/NA | Solid | 8015B NM | 31853 |
| LCS 880-31853/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 31853 |
| LCSD 880-31853/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 31853 |
| 890-2732-1 MS | H-1 | Total/NA | Solid | 8015B NM | 31853 |
| 890-2732-1 MSD | H-1 | Total/NA | Solid | 8015B NM | 31853 |

Analysis Batch: 32056

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 890-2732-1 | H-1 | Total/NA | Solid | 8015 NM | |
| 890-2732-2 | H-2 | Total/NA | Solid | 8015 NM | |
| 890-2732-3 | H-3 | Total/NA | Solid | 8015 NM | |
| 890-2732-4 | H-4 | Total/NA | Solid | 8015 NM | |
| 890-2732-5 | S-1 | Total/NA | Solid | 8015 NM | |

Analysis Batch: 32193

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|----------|------------|
| 890-2732-5 | S-1 | Total/NA | Solid | 8015B NM | 32291 |
| MB 880-32291/1-A | Method Blank | Total/NA | Solid | 8015B NM | 32291 |
| LCS 880-32291/2-A | Lab Control Sample | Total/NA | Solid | 8015B NM | 32291 |
| LCSD 880-32291/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015B NM | 32291 |
| 880-18225-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015B NM | 32291 |
| 880-18225-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015B NM | 32291 |

Prep Batch: 32291

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------------|------------------------|-----------|--------|-------------|------------|
| 890-2732-5 | S-1 | Total/NA | Solid | 8015NM Prep | |
| MB 880-32291/1-A | Method Blank | Total/NA | Solid | 8015NM Prep | |
| LCS 880-32291/2-A | Lab Control Sample | Total/NA | Solid | 8015NM Prep | |
| LCSD 880-32291/3-A | Lab Control Sample Dup | Total/NA | Solid | 8015NM Prep | |
| 880-18225-A-1-B MS | Matrix Spike | Total/NA | Solid | 8015NM Prep | |
| 880-18225-A-1-C MSD | Matrix Spike Duplicate | Total/NA | Solid | 8015NM Prep | |

HPLC/IC

Leach Batch: 31858

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 890-2732-1 | H-1 | Soluble | Solid | DI Leach | |

Eurofins Carlsbad

QC Association Summary

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

HPLC/IC (Continued)

Leach Batch: 31858 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 890-2732-2 | H-2 | Soluble | Solid | DI Leach | |
| 890-2732-3 | H-3 | Soluble | Solid | DI Leach | |
| 890-2732-4 | H-4 | Soluble | Solid | DI Leach | |
| 890-2732-5 | S-1 | Soluble | Solid | DI Leach | |
| MB 880-31858/1-A | Method Blank | Soluble | Solid | DI Leach | |
| LCS 880-31858/2-A | Lab Control Sample | Soluble | Solid | DI Leach | |
| LCSD 880-31858/3-A | Lab Control Sample Dup | Soluble | Solid | DI Leach | |
| 890-2732-1 MS | H-1 | Soluble | Solid | DI Leach | |
| 890-2732-1 MSD | H-1 | Soluble | Solid | DI Leach | |

Analysis Batch: 31926

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 890-2732-1 | H-1 | Soluble | Solid | 300.0 | 31858 |
| 890-2732-2 | H-2 | Soluble | Solid | 300.0 | 31858 |
| 890-2732-3 | H-3 | Soluble | Solid | 300.0 | 31858 |
| 890-2732-4 | H-4 | Soluble | Solid | 300.0 | 31858 |
| 890-2732-5 | S-1 | Soluble | Solid | 300.0 | 31858 |
| MB 880-31858/1-A | Method Blank | Soluble | Solid | 300.0 | 31858 |
| LCS 880-31858/2-A | Lab Control Sample | Soluble | Solid | 300.0 | 31858 |
| LCSD 880-31858/3-A | Lab Control Sample Dup | Soluble | Solid | 300.0 | 31858 |
| 890-2732-1 MS | H-1 | Soluble | Solid | 300.0 | 31858 |
| 890-2732-1 MSD | H-1 | Soluble | Solid | 300.0 | 31858 |

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

Client Sample ID: H-1

Lab Sample ID: 890-2732-1

Date Collected: 08/05/22 12:00

Matrix: Solid

Date Received: 08/08/22 09:08

| 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 | 31861 | 08/09/22 15:47 | MR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 32007 | 08/11/22 23:03 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 32079 | 08/12/22 10:15 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 32056 | 08/12/22 09:16 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.02 g | 10 mL | 31853 | 08/09/22 15:10 | DM | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 31943 | 08/11/22 11:21 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5 g | 50 mL | 31858 | 08/09/22 15:40 | AJ | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 31926 | 08/17/22 17:07 | CH | EET MID |

Client Sample ID: H-2

Lab Sample ID: 890-2732-2

Date Collected: 08/05/22 12:00

Matrix: Solid

Date Received: 08/08/22 09:08

| 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 | 31861 | 08/09/22 15:47 | MR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 32007 | 08/11/22 23:24 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 32079 | 08/12/22 10:15 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 32056 | 08/12/22 09:16 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.03 g | 10 mL | 31853 | 08/09/22 15:10 | DM | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 31943 | 08/11/22 12:26 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.98 g | 50 mL | 31858 | 08/09/22 15:40 | AJ | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 31926 | 08/17/22 17:31 | CH | EET MID |

Client Sample ID: H-3

Lab Sample ID: 890-2732-3

Date Collected: 08/05/22 12:00

Matrix: Solid

Date Received: 08/08/22 09:08

| 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 | 31861 | 08/09/22 15:47 | MR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 32007 | 08/11/22 23:44 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 32079 | 08/12/22 10:15 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 32056 | 08/12/22 09:16 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 31853 | 08/09/22 15:10 | DM | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 31943 | 08/11/22 12:48 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 31858 | 08/09/22 15:40 | AJ | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 31926 | 08/17/22 17:39 | CH | EET MID |

Client Sample ID: H-4

Lab Sample ID: 890-2732-4

Date Collected: 08/05/22 12:00

Matrix: Solid

Date Received: 08/08/22 09:08

| 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 | 31861 | 08/09/22 15:47 | MR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 32007 | 08/12/22 00:05 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 32079 | 08/12/22 10:15 | SM | EET MID |

Eurofins Carlsbad

Lab Chronicle

Client: NT Global
Project/Site: Cotton Draw Unit 212H

Job ID: 890-2732-1

Client Sample ID: H-4

Lab Sample ID: 890-2732-4

Date Collected: 08/05/22 12:00

Matrix: Solid

Date Received: 08/08/22 09:08

| 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 | | | 32056 | 08/12/22 09:16 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.04 g | 10 mL | 31853 | 08/09/22 15:10 | DM | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 31943 | 08/11/22 13:10 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 4.99 g | 50 mL | 31858 | 08/09/22 15:40 | AJ | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 31926 | 08/17/22 18:02 | CH | EET MID |

Client Sample ID: S-1

Lab Sample ID: 890-2732-5

Date Collected: 08/05/22 12:00

Matrix: Solid

Date Received: 08/08/22 09:08

| 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 | 31861 | 08/09/22 15:47 | MR | EET MID |
| Total/NA | Analysis | 8021B | | 1 | 5 mL | 5 mL | 32007 | 08/12/22 00:25 | SM | EET MID |
| Total/NA | Analysis | Total BTEX | | 1 | | | 32079 | 08/12/22 10:15 | SM | EET MID |
| Total/NA | Analysis | 8015 NM | | 1 | | | 32056 | 08/12/22 09:16 | SM | EET MID |
| Total/NA | Prep | 8015NM Prep | | | 10.01 g | 10 mL | 32291 | 08/17/22 08:20 | DM | EET MID |
| Total/NA | Analysis | 8015B NM | | 1 | | | 32193 | 08/17/22 14:24 | SM | EET MID |
| Soluble | Leach | DI Leach | | | 5.01 g | 50 mL | 31858 | 08/09/22 15:40 | AJ | EET MID |
| Soluble | Analysis | 300.0 | | 1 | | | 31926 | 08/17/22 18:10 | 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: Cotton Draw Unit 212H

Job ID: 890-2732-1

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 | T104704400-22-24 | 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

Job ID: 890-2732-1

Project/Site: Cotton Draw Unit 212H

| 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: Cotton Draw Unit 212H

Job ID: 890-2732-1

| Lab Sample ID | Client Sample ID | Matrix | Collected | Received |
|---------------|------------------|--------|----------------|----------------|
| 890-2732-1 | H-1 | Solid | 08/05/22 12:00 | 08/08/22 09:08 |
| 890-2732-2 | H-2 | Solid | 08/05/22 12:00 | 08/08/22 09:08 |
| 890-2732-3 | H-3 | Solid | 08/05/22 12:00 | 08/08/22 09:08 |
| 890-2732-4 | H-4 | Solid | 08/05/22 12:00 | 08/08/22 09:08 |
| 890-2732-5 | S-1 | Solid | 08/05/22 12:00 | 08/08/22 09:08 |

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



Chain of Custody

Work Order No: _____

Page 1 of 1

| | | | |
|------------------|--------------------|-------------------------|--------------------|
| Project Manager: | Ethan Sessums | Bill to: (if different) | Ethan Sessums |
| Company Name: | NTG Environmental | Company Name: | NTGE |
| Address: | 402 E Wood Ave | Address: | 402 E Wood Ave |
| City, State ZIP: | Carlsbad, NM 88220 | City, State ZIP: | Carlsbad, NM 88220 |
| Phone: | 254-266-5456 | 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"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> | |
| Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: | |

| Project Name: | Cotton Draw Unit 212H | Turn Around | Pres. Code | ANALYSIS REQUEST | | | | | | | | | | | | Preservative Codes | | | | | | | |
|-----------------------|-----------------------|---|------------|------------------------|------------|----------------------|---|------------|---|--|--|--|--|--|--|---|----------------------------|--|-----------------|--|--|---|--|
| Project Number: | | <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush | | | | | | | | | | | | | | None: NO | DI Water: H ₂ O | | | | | | |
| Project Location: | Eddy Co. | Due Date: | | | | | | | | | | | | | | Cool: Cool | MeOH: Me | | | | | | |
| Sampler's Name: | Jordan Tyner | TAT starts the day received by the lab, if received by 4:30pm | | | | | | | | | | | | | | HCL: HC | HNO ₃ : HN | | | | | | |
| PO #: | | | | | | | | | | | | | | | | H ₂ SO ₄ : H ₂ | NaOH: Na | | | | | | |
| SAMPLE RECEIPT | | | | Temp Blank: | | Wet Ice: | | Parameters | | | | | | | | | | | | | | H ₃ PO ₄ : HP | |
| Received Intact: | Yes | No | | Yes | No | Thermometer ID: | | | | | | | | | | | | | | | | NaHSO ₄ : NABIS | |
| Cooler Custody Seals: | Yes | No | | Yes | No | Correction Factor: | | | | | | | | | | | | | | | | Na ₂ S ₂ O ₃ : NaSO ₃ | |
| Sample Custody Seals: | Yes | No | | Yes | No | Temperature Reading: | | | | | | | | | | | | | | | | Zn Acetate+NaOH: Zn | |
| Total Containers: | | | | Corrected Temperature: | | | | | | | | | | | | | | | | | | NaOH+Ascorbic Acid: SACP | |
| Sample Identification | Date | Time | Soil | Water | Grab/ Comp | # of Cont | | | | | | | | | | | | | Sample Comments | | | | |
| H-1 | 8/5/2022 | | X | | Grab/ | 1 | X | X | X | | | | | | | | | | | | | | |
| H-2 | 8/5/2022 | | X | | Grab/ | 1 | X | X | X | | | | | | | | | | | | | | |
| H-3 | 8/5/2022 | | X | | Grab/ | 1 | X | X | X | | | | | | | | | | | | | | |
| H-4 | 8/5/2022 | | X | | Grab/ | 1 | X | X | X | | | | | | | | | | | | | | |
| S-1 | 8/5/2022 | | X | | Grab/ | 1 | X | X | X | | | | | | | | | | | | | | |



| | | | |
|----------------------|--|--|--|
| Additional Comments: | | | |
|----------------------|--|--|--|

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|------------------------------|--------------------------|------------|------------------------------|--------------------------|-----------|
| | | 8/5/22 909 | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-2732-1

SDG Number:

Login Number: 2732

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. | 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: 890-2732-1

SDG Number:

Login Number: 2732

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 08/09/22 10:16 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 | |

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 155248

CONDITIONS

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 155248 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| jnobui | Closure Report Approved. App ID #151491 is a duplicate and was rejected. | 11/10/2022 |