

HORNED VIPER 20 FED COM 1H

nAPP2335425467

12/19/2023

| <u>Spill Volume(Bbls) Calculator</u> | |
|---|-----------------------------------|
| <i>Inputs in blue, Outputs in red</i> | |
| Contaminated Soil measurement | |
| Area (sq feet) | Depth (in) |
| <u>1,350.00</u> | <u>0.50</u> |
| Cubic Feet of Soil Impacted | <u>56.25</u> |
| Barrels of Soil Impacted | <u>10.03</u> |
| Soil Type | Clay/Sand |
| Barrels of Oil Assuming 100% Saturation | <u>1.50</u> |
| Saturation | Fluid present with shovel/backhoe |
| Estimated Barrels of Oil Released | 1.50 |
| Free Standing Fluid Only | |
| Area (sq feet) | Depth (inches)) |
| <u>1,350.00</u> | <u>0.250</u> |
| Standing fluid | <u>5.00</u> |
| <u>Total fluids spilled</u> | <u>6.51</u> |



209 W. McKay Street
Carlsbad, New Mexico 88220
Tel. 432.701.2159
www.ntgenvironmental.com

May 20, 2024

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

Re: Deferral Report
 Horned Viper 20 Federal Com #001H
 Devon Energy Production Company
 Site Location: Unit N, S20, T23S, R33E
 (Lat 32.283325°, Long -103.598174°)
 Lea County, New Mexico
 Incident ID: nAPP2335425467

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remedial action activities at the Horned Viper 20 Federal Com #001H (Site). The Site is located approximately 25 miles Northwest of Jal, New Mexico in Lea County (Figures 1 and 2).

Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on December 19, 2023. The release was a result of equipment failure which resulted in the release of approximately 7 barrels (bbls) of crude oil of which 6 bbls were recovered for a net loss of 1 bbl. Upon discovery, the well was shut-in, and the area was secured. The release is shown on Figure 3. The initial C-141 form is attached.

Site Characterization

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers (NMOSE) and USGS databases, there is no water source within a ½-mile radius of the Site. The nearest identified well is located approximately 0.45 miles northeast of the Site in Unit N Sec 20 T23S R33E. The well was drilled in 1974 to an approximate depth of 550 ft with ground water encountered at 400 ft bgs. Furthermore, the ground water well usage has been measured quarterly since initial boring. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. A copy of the site characterization information and the associated NMOSE summary report is attached.

Mr. Mike Bratcher
May 20, 2024
Page 2 of 4

Regulatory Criteria

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

General Site Characterization and Groundwater:

| Site Characterization | Average Groundwater Depth (ft) |
|-----------------------|--------------------------------|
| Low Karst | >101 |

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12 & 19.15.29.13)

| Regulatory Standard | Chloride | TPH (GRO+DRO+MRO) | TPH (GRO+DRO) | BTEX | Benzene |
|--|--------------|----------------------|------------------|----------|----------|
| 19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area 0-4 Feet) | 600 mg/kg | 100 mg/kg | --- | 50 mg/kg | 10 mg/kg |
| 19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release (>4 Feet) | 20,000 mg/kg | 2,500 mg/kg | 1,000 mg/kg | 50 mg/kg | 10 mg/kg |
| Notes: --- = not defined | | | | | |

Site Assessment

On December 28th, 2023, NTGE conducted site assessment activities to assess the horizontal extent of impacts at the Site. A total of eight (8) horizontal sample points (H-1 through H-8) were installed within the release area to characterize the impacts. Soil samples were collected at depths of 0 – 6 inches bgs with a geotechnical hand auger.

On February 21, 2024, NTGE conducted further site assessment activities to assess the vertical extent of impacts to the Site. A total of four (4) test pits were installed within the area of release. Soil samples were collected in 1 ft depth intervals ranging from 2 -10 ft bgs with mechanical equipment.

On March 8, 2024, NTGE conducted further site assessment activities to assess the vertical extent of impacts to the Site. A total of four (4) test pits samples were collected from 0 to 1.5 ft bgs with mechanical equipment. Sample locations are shown on Figure 3.

The samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8260B, total petroleum hydrocarbon (TPH) by method 8015B Modified, and chloride by EPA 4500 Cl-B by Cardinal Laboratories in Hobbs, New Mexico. The analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits in the areas of TP-1 to TP-4 at various depths in the range from 0 ft bgs to 4 ft bgs. Analytical results are included in Table 1 and sampling locations are shown in Figure 3. Laboratory reports containing analytical methods and chain-of-custody documents are attached to the back of the report.

Mr. Mike Bratcher
May 20, 2024
Page 3 of 4

Remedial Action Activities and Confirmation Sampling

Based on the analytical results, Devon proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to depths ranging from 1 to 5 ft bgs.

On April 10, 2024, a total of seven (7) base composite confirmation samples were collected from the excavation base (CS-1 through CS-7), fifteen (15) composite confirmation samples collected from the excavation sidewalls (SW-1 through SW-15) and two (2) deferral samples (D-1 and D-2) were collected between the separators to ensure impacted soil was removed. Analytical results indicated that D-1 exhibited chloride concentrations above NMOCD closure criteria at depths from surface to six (6) inches.

On April 15th, 2024, NTGE returned to Site to further characterize the vertical extent of impact by collecting one (1) deferral sample (D-1) ranging from depths of one (1) to two and a half (2.5) ft bgs in one (1) foot intervals. Analytical results indicated that all samples were below NMOCD closure criteria.

On May 1st, 2024, NTGE returned to Site to further characterize the horizontal extent of impact by collecting one (1) deferral sample (D-3) at a depth from surface to six (6) inches. Analytical results indicated that the sample was below NMOCD closure criteria.

The confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Following receipt of the analytical results, analytical results indicated that none of the base confirmation samples exhibited concentrations above the NMOCD regulatory criterion for concentrations from Table 3.1 Closure Criteria. Sidewall confirmation sample (SW-11) was above NMOCD regulatory criterion for chloride concentrations from Table 3.1 Closure Criteria.

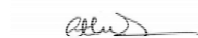
Closing and Deferral Request

Based on the assessment and subsequent remedial action activities, the Site is compliant with the regulatory limits with the exception of SW-11 which is adjacent to the onsite separator. Further remediation of the area around the separator was not feasible without undermining the onsite ancillary equipment. As such the area (SW-11) abutting the separator was left in-situ. Deferral samples D-1 through D-3 were placed southwest, south, and southeast respectively, of the separator to verify the soils have not been impacted and to complete delineation. All these deferral samples were below the Table 1 Closure Criteria standards with the exception of D-1 at surface to six (6) inches. Based on the supporting documentation provided in this report, NTGE, on behalf of Devon respectfully requests closure for nAPP2335425467 with deferral of soils left in-situ above NMOCD standards near soil samples SW-11, until time of abandonment or upgrade of equipment allows for accessibility to the area. The Release Notification, Site Assessment/Characterization, and Initial form C-141 area included in the report.

Mr. Mike Bratcher
May 20, 2024
Page 4 of 4

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 Information
Tables
Figures
Photographic Log
Laboratory Reports and Chain-of-Custody

SITE CHARACTERIZATION INFORMATION

NMOCD Closure Criteria

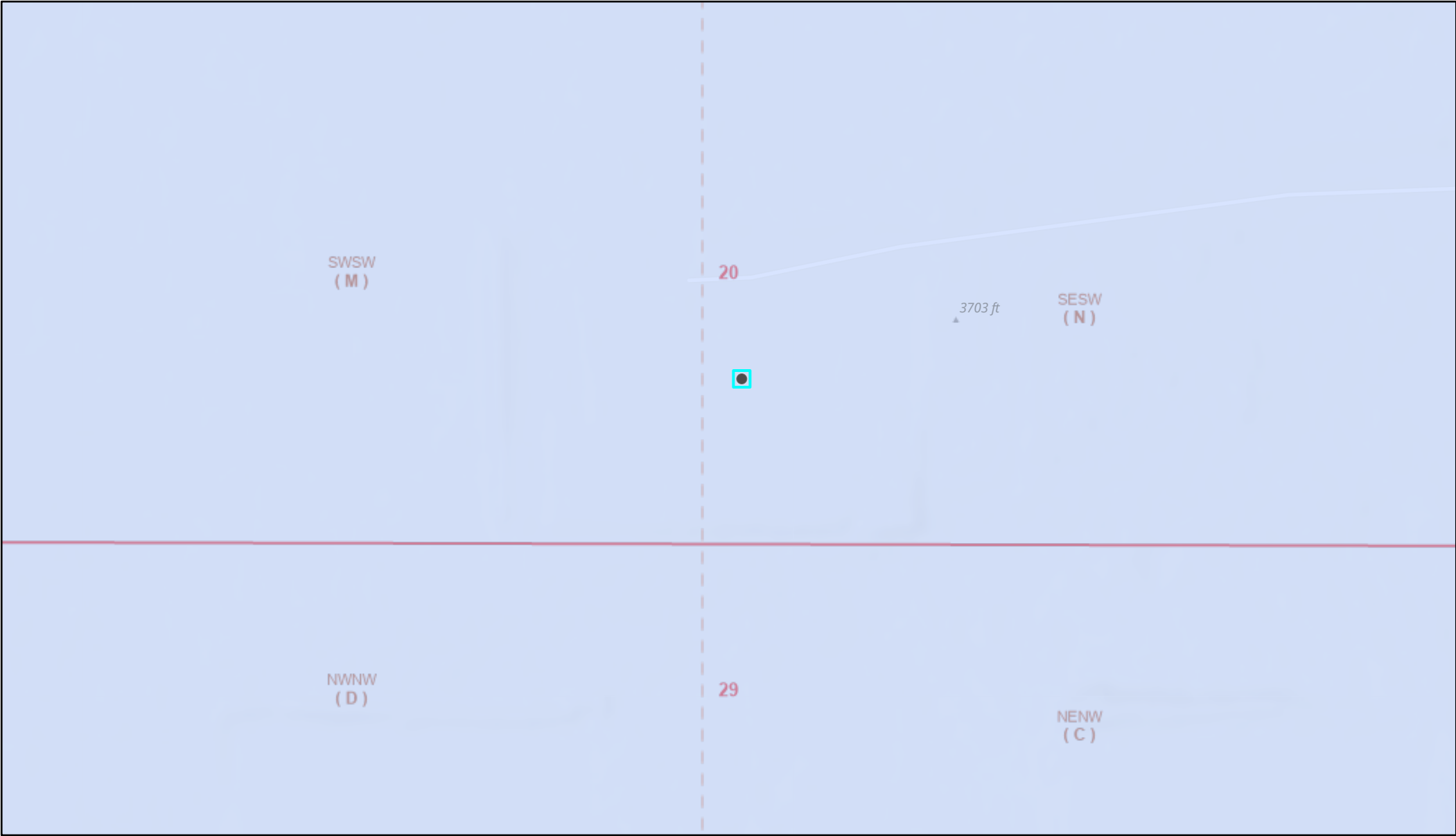
Horned Viper 20 FED COM 1H

| Site Information (19.15.29.11.A (2,3, & 4) NMAC) | | Source/Notes |
|---|-----|------------------------------------|
| Depth to Groundwater (ft bgs) | N/a | Office of the State Engineer (OSE) |
| Horizontal Distance from All Water Sources Within 0.5 mile (ft) | N/A | National Wetlands Inventory (NWS) |
| Horizontal Distance to Nearest Significant Watercourse (ft) | N/A | National Wetlands Inventory (NWS) |

| Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC) | | | | | | |
|---|--------|--------------------------|-------|-----------|------|---------|
| Depth to Groundwater (ft) | | Closure Criteria (mg/kg) | | | | |
| | | Chloride* | TPH | GRO + DRO | BTEX | Benzene |
| < 50 | | 600 | 100 | -- | 50 | 10 |
| 51 - 100 | | 10,000 | 2,500 | 1,000 | 50 | 10 |
| >100 | x | 20,000 | 2,500 | 1,000 | 50 | 10 |
| Surface Water | Yes/No | in yes, then | | | | |
| <300 ft from a continuously flowing watercourse or other significant watercourse? | No | 600 | 100 | | 50 | 10 |
| <200 ft from a lakebed, sinkhole, or playa lake? | No | | | | | |
| Water Well or Water Source | | | | | | |
| <500 ft from a spring or a private, domestic fresh waster well used by less that 5 households for domestic or livestock purposes? | No | | | | | |
| <1,000 ft from a fresh water well or spring? | No | | | | | |
| Human and Other Area | | | | | | |
| <300 ft from an occupied permanent residence, school, hospital, institution or church? | No | | | | | |
| Within incorporated municipal boundaries or within a defined municipal fresh water well field? | No | | | | | |
| <100 ft from a wetland? | No | | | | | |
| Within an area overlying a subsurface mine? | No | | | | | |
| Within and unstable area? | No | | | | | |
| Within a 100 yr floodplain? | No | | | | | |

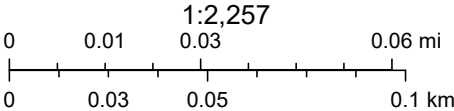
* - numerical limit or background, whichever is greater

Site Characterization Map



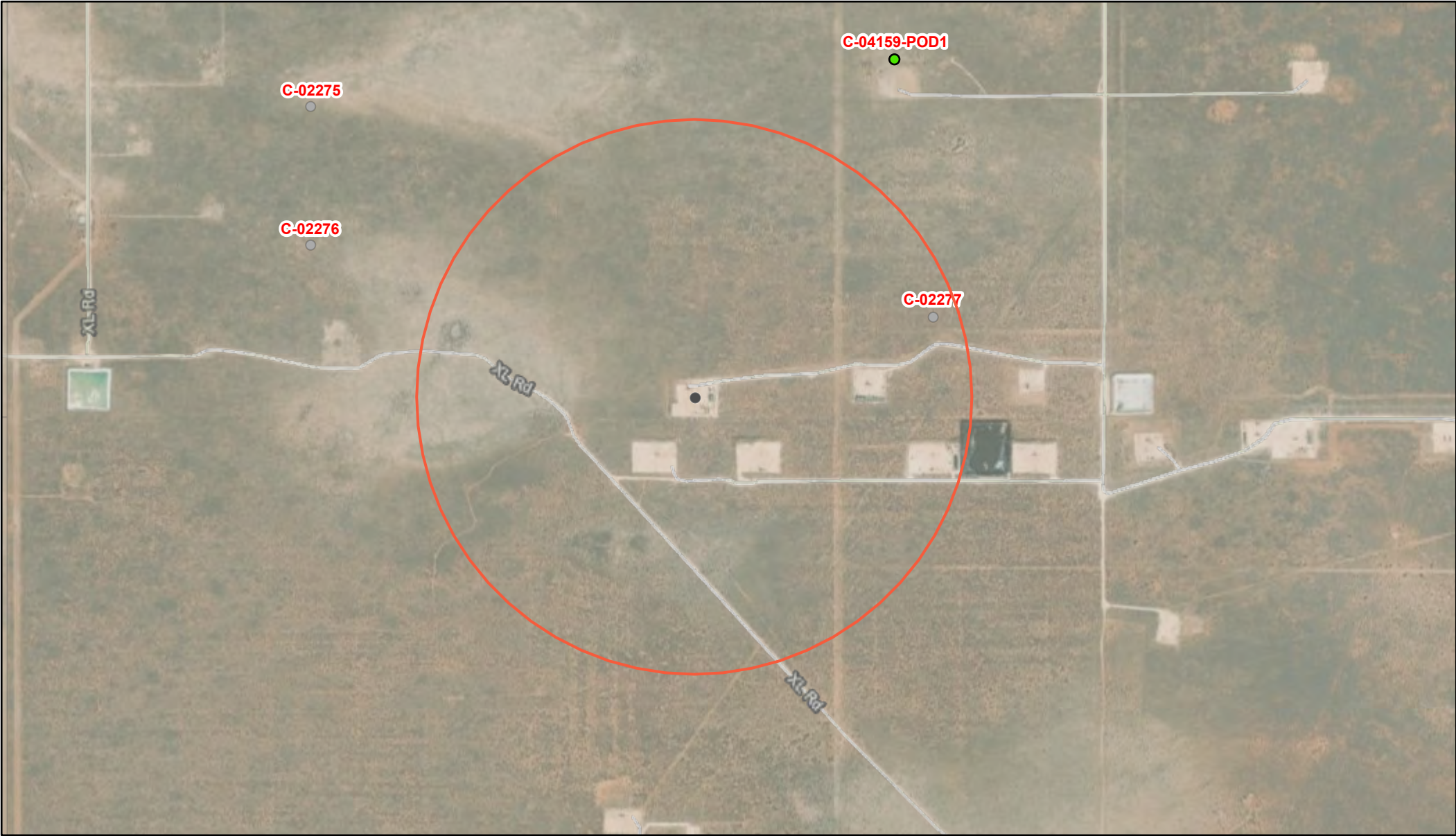
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Karst Occurrence Potential PLSS Second Division
 Low PLSS First Division



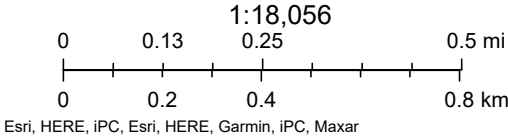
BLM, OCD, New Mexico Tech, Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Sources: Esri, Airbus DS, USGS, NGA,

OSE POD Location Map



1/2/2024, 2:47:30 PM

- Override 1
- OSE District Boundary
- New Mexico State Trust Lands
- GIS WATERS PODs
- Water Right Regulations
- Subsurface Estate
- Pending
- Closure Area





Water Right Summary


[get image list](#)


WR File Number: C 02277 **Subbasin:** CUB **Cross Reference:** -
Primary Purpose: COM COMMERCIAL
Primary Status: PMT PERMIT
Total Acres: 0 **Subfile:** - **Header:** -
Total Diversion: 64.5 **Cause/Case:** -
Owner: BRININSTOOL XL RANCH LLC
Contact: CHRISTINE BRININSTOOL, MORTGAGEE
Owner: HUGHES PROPERTIES LLC
Contact: TREY HUGHES

Documents on File

| | Trn # | Doc | File/Act | Status | | Transaction Desc. | From/ | | Acres | Diversion | Consumptive |
|---|--------|-------|------------|--------|-----|-------------------|-------|--|-------|-----------|-------------|
| | | | | 1 | 2 | | To | | | | |
|  get images | 614438 | COWNF | 2017-09-25 | CHG | PRC | C 02277 | T | | 0 | 0 | |
| | 439865 | COWNF | 2009-07-29 | CHG | PRC | C 02277 | T | | 0 | 0 | |
| | 234017 | COWNF | 2002-06-25 | CHG | PRC | C 02277 | T | | 0 | 0 | |
| | 169243 | ADM | 1999-10-29 | PMT | MTR | C 02277 | T | | 0 | 48.4 | |
| | 198402 | DCL | 1986-04-07 | DCL | PRC | C 02277 | T | | 0 | 48.4 | |

Current Points of Diversion

(NAD83 UTM in meters)

| POD Number | Well Tag | Source | Q | 64Q16Q4Sec | Tws | Rng | X | Y | Other Location Desc |
|------------|----------|---------|---|------------|-----|------------|--------|----------|---|
| C 02277 | | Shallow | 2 | 3 | 4 | 20 23S 33E | 632663 | 3572970* |  |

An () after northing value indicates UTM location was derived from PLSS - see Help

Place of Use

| Q | Q | 256 64 Q16 Q4Sec | Tws | Rng | Acres | Diversion | CU | Use | Priority | Status | Other Location Desc |
|---|---|------------------|-----|-----|-------|-----------|----|-----|----------|--------|------------------------|
| | | | | | 0 | 48.4 | | COM | | DCL | NO PLACE OF USE GIVEN. |

Source

| Acres | Diversion | CU | Use | Priority | Source Description |
|-------|-----------|----|-----|----------|--------------------|
| 0 | 48.4 | | COM | | GW |

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.

1/2/24 1:49 PM

WATER RIGHT SUMMARY



NEW MEXICO OFFICE OF THE STATE ENGINEER

CHANGE OF OWNERSHIP OF WATER RIGHT (NON-72-12-1) FOR (check one):



Important: Acceptance of the form for filing by the State Engineer does not constitute verification of the right conveyed.

| | |
|-------------------------------------|---|
| <input type="checkbox"/> Individual | <input type="checkbox"/> Corporation |
| <input type="checkbox"/> Trustee | <input type="checkbox"/> Partnership |
| <input type="checkbox"/> Estate | <input checked="" type="checkbox"/> Limited Liability Co. |

1. OWNER OF RECORD (Seller)

| | | |
|--|---|---------------|
| Name: Brininstool XL Ranch, LLC | Name: | |
| Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work): 575-393-0505 (atty's office) | Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work): | |
| a. Owner of Record File No: C-2277 | b. Sub-file No.: | c. Cause No.: |

Well Tag ID No. (if applicable): _____

2. NEW OWNER (Buyer) Note: If more owners need to be listed, attach a separate sheet. Attached? ☐ Yes

| | |
|--|---|
| Name: HUGHES PROPERTIES, LLC | Name: BRININSTOOL XL RANCH, LLC (Mortgagee) |
| Contact or Agent: <input type="checkbox"/> check here if Agent TREY HUGHES | Contact or Agent: <input type="checkbox"/> check here if Agent CHRISTINE BRININSTOOL |
| Mailing Address: PO BOX 5097 | Mailing Address: 1523 BUTLER RD |
| City: CARLSBAD | City: SAN ANGELO |
| State: NM Zip Code: 88221 | State: TX Zip Code: 76904 |
| Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work): 575-236-6012 | Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work): |
| E-mail (optional): | E-mail (optional): |

Required: Submit warranty deed(s) or other instrument(s) of conveyance properly recorded with the county clerk's office.

3. PURPOSE OF USE & AMOUNT CONVEYED

| | |
|--|--|
| Check all that apply: <input type="checkbox"/> Domestic <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Livestock <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Irrigation <input type="checkbox"/> Other Uses (specify): _____ <input type="checkbox"/> Municipal | Amount of Water (acre-feet per annum): If more details are needed, type "See Comments" in "Other" field below, and explain in Additional Statements Section. Diversion: _____ Consumptive Use: <u>48.4</u> Other (include units): _____ |
| Owner of record has conveyed all or part of said right (please check one) <input checked="" type="checkbox"/> All <input type="checkbox"/> Part | |

FOR OSE INTERNAL USE

Change of Ownership, Form wr-02, Rev 6/30/17

| | | |
|-------------------------|-------------------------|----------------------------------|
| File No.: <u>C-2277</u> | Trn. No.: <u>614438</u> | Well Tag ID No. (if applicable): |
| Trans Desc. (optional): | Sub-Basis: <u>WUB</u> | Receipt No.: <u>2-38656</u> |

4. LIST ALL KNOWN POINT(S) OF DIVISION (POD) FOR THE WATER RIGHT CONVEYANCE

| OSE POD No. | POD Coordinates: (X & Y or Lat/Long or Easting/Northing) | Section | Township | Range |
|-------------|--|---------|----------|-------|
| C-2277 | NE/4, SW/4, SE/4 | 20 | 23S | 33E |
| | | | | |
| | | | | |

Check all that apply: ☒ Well ☐ Pump ☐ Ditch Name _____ ☐ River Course _____

5. PLACE(S) OF USE (list each individually)

a. _____ Acres of Irrigated Land Described as Follows (applicable to irrigation use only):

| b. Legally Described By: <input checked="" type="checkbox"/> Public Land Survey System (PLSS) <input type="checkbox"/> Hydrographic Survey Report or Map <input type="checkbox"/> Irrigation or Conservation District Map <input type="checkbox"/> Subdivision | c. PLSS Section <u>and/or</u> Map No. <u>and/or</u> Lot No. | d. PLSS Township <u>and/or</u> Tract No. (Please list each tract individually) <u>and/or</u> Block No. | e. PLSS Range | f. Acres | g. Priority |
|--|---|---|---------------|----------|-------------|
| PLSS Quarters or Halves, <u>and/or</u> Name of Hydrographic Survey or District, <u>and/or</u> Name and County of Subdivision | | | | | |
| NE/4, SW/4, SE/4 | 20 | 23S | 33E | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

h. Other description relating place of use to common landmarks, streets, or other:

i. Place of use is on land owned by:

j. Are there other sources of water for these lands? No ☐ Yes ☐ If yes, describe by OSE file number:

Note: If on Federal or State Land, please provide copy of lease

6. ADDITIONAL STATEMENTS OR EXPLANATIONS

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

FOR OSE INTERNAL USE

Change of Ownership, Form wr-02, Rev 6/30/17

| | | |
|-------------------------|------------------|----------------------------------|
| File No.: C-2277 | Trn. No.: 614438 | Well Tag ID No. (if applicable): |
| Trans Desc. (optional): | Sub-Basin: MVB | Receipt No.: |

7. CONSENT TO LAWFUL CHANGE IN PLACE AND/OR PURPOSE OF USE

(to be completed only if it is an irrigation water right and has been conveyed separate from the land to which it was appurtenant.)

(I, We) the above owner(s) of record, hereby consent to a lawful change in the place and/or purpose of use of the above-described water right:

Signature _____

Signature _____

ACKNOWLEDGEMENT FOR INDIVIDUAL

I, We (name of owner(s)), _____

Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Signature _____

Signature _____

State of _____)
County of _____)
ss.

This instrument was acknowledged before me this _____ day of _____ A.D., 20 _____, by (name of owner(s)):

Notary Public: _____

My commission expires: _____

ACKNOWLEDGEMENT FOR CORPORATIONI, We (name of owner(s)), Hughes Properties, LLC

Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Officer Signature _____

Officer Signature _____

State of New Mexico)
County of Lea)
ss.This instrument was acknowledged before me this 21 day of September A.D., 20 17, by the following on behalf of said corporation.Name of Officer: Trey HughesTitle of Officer: ManagerName of Corporation Acknowledging: Hughes Properties, LLCState of Corporation: New MexicoOFFICIAL SEAL
BROOKLYN D. CHESTER
NOTARY PUBLIC-STATE OF NEW MEXICO
My commission expires: 4/4/20Notary Public: Brooklyn D. ChesterMy commission expires: April 4, 2020

2017 SEP 25 AM 4:07

STATE OF NEW MEXICO
ROSWELL, NEW MEXICO

FOR OSE INTERNAL USE

Change of Ownership, Form wr-02, Rev 09/08/17

| | | |
|-------------------------|------------------------|----------------------------------|
| File No.: <u>C-2277</u> | Tm. No.: <u>614438</u> | Well Tag ID No. (if applicable): |
| Trans Desc. (optional): | Sub-Basin: <u>COB</u> | Receipt No.: |

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2

LEA COUNTY, NM
 KEITH MANES, COUNTY CLERK
 000013391
 Book 2122 Page 529
 1 of 2
 09/22/2017 02:32 PM
 BY CHERI LONG

SPECIAL WARRANTY DEED

For consideration paid, the receipt and adequacy of which is hereby acknowledged, Brininstool XL Ranch, LLC, a New Mexico limited liability company, hereby grants to **HUGHES PROPERTIES, LLC**, a New Mexico limited liability company, whose address is PO Box 5097, Carlsbad, New Mexico 88221, the following described real estate in Lea County, New Mexico:

SURFACE ONLY TO:

Township 23 South, Range 32 East, N.M.P.M.

Section 21: NE4NE4, SE4NE4

Township 23 South, Range 33 East, N.M.P.M.

Section 19: All
 Section 20: All
 Section 21: All
 Section 24: All
 Section 25: All
 Section 26: All
 Section 28: All
 Section 29: E/2
 Section 30: W/2

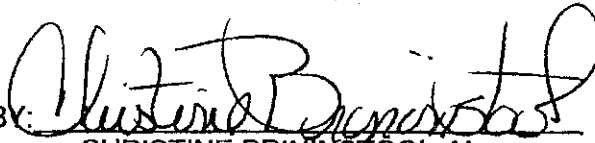
Township 25 South, Range 33 East, N.M.P.M.

- Section 20: S/2NE/4, SE/4
- Section 21: S2NW4, SW4
- Section 29: NE/4

INCLUDING all improvements thereon and all water rights appurtenant thereto.

with special warranty covenants. Subject to reservations, easements and restrictions of record.

BRININSTOOL XL RANCH, LLC

BY: 
 CHRISTINE BRININSTOOL, Manager

{00379370}

LEA COUNTY, NM
KEITH MANES, COUNTY CLERK
000013391
Book 2122 Page 529
2 of 2
09/22/2017 02:32 PM
BY CHERI LONG


STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

The foregoing instrument was acknowledged before me on September 21, 2017, by CHRISTINE BRININSTOOL, Manager, on behalf of Brininstool XL Ranch, LLC, a New Mexico limited liability company.



OFFICIAL SEAL
JANICE JONES
NOTARY PUBLIC-STATE OF NEW MEXICO

My commission expires: 2-18-2018


JANICE JONES, NOTARY PUBLIC

After recording, return to:
Hughes Properties, LLC
Attn: Trey Hughes
PO Box 5097
Carlsbad, New Mexico 88221

2017 SEP 25 AM 4:12

NOTARY PUBLIC
STATE OF NEW MEXICO

{00379370}

Tom Blaine, P.E.
State Engineer



Well Office
10 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 614438
File Nbr: C 02277

Oct. 03, 2017

MSTAPLETON LLC
910 W PERCE ST #138
CARLSBAD, NM 88220

RE: TREY HUGHES
HUGHES PROPERTIES LLC
PO BOX 5097
CARLSBAD, NM 88220-5097

BRININSTOOL XL RANCH LLC
CHRISTINE BRININSTOOL, MORTGAGEE
1523 BUTLER RD
SAN ANGELO, TX 76904

Greetings:

Enclosed is one original copy of a Change of Ownership of a Water Right submitted to this office for filing. This Change of Ownership is accepted for filing in accordance with Section 72-1-2.1, NMSA 1978 (1996 Supp.), effective May 15, 1996. The acceptance by the State Engineer Office does not constitute validation of the right claimed.

According to Section 72-1-2.1, NMSA 1978 (1996 Supp.), you must record this Change of Ownership with the clerk of the county in which the water is located. The filing shall be public notice of the existence and contents of the instruments so recorded.

The Conditions of Approval of your permit require that your well(s) be metered and that meter readings be submitted to this office in writing.

A form(s) have been enclosed for your convenience for submittal of meter readings. Please make copies of this form(s) for your use. If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Y Mendiola", is written over the typed name.

Yolanda Mendiola
(575) 622-6521

Enclosure

mtrown_req

STATE ENGINEER OFFICE
METER READING FORM



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

File Nbr: C 02277
Well File Nbr: C 02277

TREY HUGHES
HUGHES PROPERTIES LLC
PO BOX 5097
CARLSBAD, NM 88220-5097

1. WATER METER INFORMATION:

Well File Nbr: C 02277
Serial Number: 1527870
Number of Dials: 6
Unit of Measure: GALS

Meter Rec Nbr: 516
Meter Make: MASTER METER
Multiplier: 10.0000

2. METER READING INFORMATION:

Meter Reading: _____

Meter Reading Date: _____

3. COMMENTS:

Submitted by: _____

Instructions:

Meter readings shall be submitted to the District at the above address on or before the 10th of January, April, July, and October of each year for the 3 preceeding calendar months.

Section 1. If meter has been replaced, complete all items in Section 1 for the new meter.

Section 2. Please enter meter reading and the date of the reading;

Section 3. Under comments, give any pertinent information concerning repair of meter and dates out of service, meter change out, etc.

** Please make copies of this form for submitting your meter readings.

mtrread

Hughes Properties, LLC
PO Box 5097
Carlsbad, NM 88221
Trey 575-361-3217 or Kali 575-308-8981

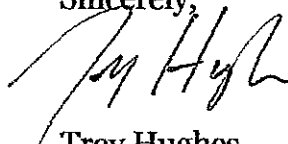
September 22, 2017

New Mexico Office of the State Engineer
1900 West Second St.
Roswell, NM 88201

To whom it may concern;

I, Trey Hughes give M.Stapleton, LLC my permission to act as my agent on the transactions for water rights on the Hughes Properties, LLC.

Sincerely,



Trey Hughes
575-361-3217

2017 SEP 25 AM 4:12

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO



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 | Tws | Rng | X | Y |
| | C 02277 | 2 | 3 | 4 | 20 | 23S | 33E | 632663 | 3572970* |

x

Driller License:**Driller Company:****Driller Name:** ABBOTT BROTHERS**Drill Start Date:****Drill Finish Date:**

12/31/1974

Plug Date:**Log File Date:****PCW Rev Date:****Source:**

Shallow

Pump Type:**Pipe Discharge Size:****Estimated Yield:** 30 GPM**Casing Size:** 8.63**Depth Well:**

550 feet

Depth Water: 400 feet

x

Meter Number:

516

Meter Make:

MASTER METER

Meter Serial Number: 1527870**Meter Multiplier:**

10.0000

Number of Dials:

6

Meter Type:

Diversion

Unit of Measure:

Gallons

Return Flow Percent:**Usage Multiplier:****Reading Frequency:**

Quarterly

x

Meter Readings (in Acre-Feet)

| Read Date | Year | Mtr Reading | Flag | Rdr | Comment | Mtr Amount Online |
|------------|------|-------------|------|-----|---------|-------------------|
| 02/27/1999 | 1999 | 9375 | A | ms | | 0 |
| 04/15/1999 | 1999 | 9375 | A | ms | | 0 |
| 07/18/1999 | 1999 | 9375 | A | ms | | 0 |
| 11/28/1999 | 1999 | 32883 | A | ms | | 0.721 |
| 04/06/2000 | 2000 | 68700 | A | mb | | 1.099 |
| 08/16/2000 | 2000 | 68722 | A | mb | | 0.001 |
| 09/15/2000 | 2000 | 68723 | A | RPT | | 0 |
| 01/19/2001 | 2000 | 68723 | A | RPT | | 0 |
| 04/27/2001 | 2001 | 68723 | A | RPT | | 0 |
| 07/16/2001 | 2001 | 68723 | A | ms | | 0 |
| 01/12/2002 | 2002 | 68723 | A | tg | | 0 |
| 04/13/2002 | 2002 | 68723 | A | RPT | | 0 |
| 07/12/2002 | 2002 | 68723 | A | rm | | 0 |
| 01/01/2003 | 2002 | 68723 | A | RPT | | 0 |
| 04/23/2003 | 2003 | 882399 | A | RPT | | 24.971 |
| 07/11/2003 | 2003 | 882711 | A | RPT | | 0.010 |
| 10/01/2003 | 2003 | 888716 | A | ab | | 0.184 |
| 01/08/2004 | 2003 | 896550 | A | ab | | 0.240 |
| 04/07/2004 | 2004 | 896565 | A | RPT | | 0 |
| 07/15/2004 | 2004 | 899394 | A | RPT | | 0.087 |
| 10/12/2004 | 2004 | 899404 | A | RPT | | 0 |
| 01/26/2005 | 2004 | 899404 | A | RPT | | 0 |
| 04/15/2005 | 2005 | 899404 | A | RPT | | 0 |
| 08/03/2005 | 2005 | 899406 | A | RPT | | 0 |
| 10/31/2005 | 2005 | 899406 | A | RPT | | 0 |

| | | | | | |
|------------|------|--------|---|--------------------|--------|
| 01/31/2006 | 2005 | 899406 | A | RPT | 0 |
| 04/20/2006 | 2006 | 899406 | A | RPT | 0 |
| 07/19/2006 | 2006 | 909832 | A | tw | 0.320 |
| 11/27/2006 | 2006 | 909832 | A | RPT | 0 |
| 04/16/2007 | 2007 | 909832 | A | RPT | 0 |
| 07/13/2007 | 2007 | 909832 | A | RPT | 0 |
| 11/03/2007 | 2007 | 909832 | A | RPT | 0 |
| 04/15/2008 | 2008 | 909832 | A | RPT | 0 |
| 07/11/2008 | 2008 | 909832 | A | RPT | 0 |
| 01/08/2009 | 2008 | 909832 | A | RPT | 0 |
| 05/07/2009 | 2009 | 909832 | A | RPT | 0 |
| 07/06/2009 | 2009 | 913539 | A | RPT | 0.114 |
| 11/12/2009 | 2009 | 945793 | A | tw | 0.990 |
| 05/13/2010 | 2010 | 951283 | A | RPT | 0.168 |
| 08/23/2010 | 2010 | 951283 | A | RPT | 0 |
| 11/09/2010 | 2010 | 951283 | A | RPT | 0 |
| 02/13/2011 | 2011 | 951283 | A | RPT | 0 |
| 07/12/2011 | 2011 | 86397 | R | RPT Meter Rollover | 4.146 |
| 01/10/2012 | 2012 | 254337 | A | RPT | 5.154 |
| 04/15/2012 | 2012 | 328978 | A | RPT | 2.291 |
| 03/20/2013 | 2012 | 544463 | A | RPT | 6.613 |
| 07/18/2013 | 2013 | 557631 | A | RPT | 0.404 |
| 07/22/2019 | 2019 | 803867 | A | RPT | 7.557 |
| 04/01/2020 | 2020 | 150762 | R | RPT Meter Rollover | 10.646 |

| **YTD Meter Amounts: | Year | Amount |
|----------------------|------|--------|
| | 1999 | 0.721 |
| | 2000 | 1.100 |
| | 2001 | 0 |
| | 2002 | 0 |
| | 2003 | 25.405 |
| | 2004 | 0.087 |
| | 2005 | 0 |
| | 2006 | 0.320 |
| | 2007 | 0 |
| | 2008 | 0 |
| | 2009 | 1.104 |
| | 2010 | 0.168 |
| | 2011 | 4.146 |
| | 2012 | 14.058 |
| | 2013 | 0.404 |
| | 2019 | 7.557 |
| | 2020 | 10.646 |

*UTM location was derived from PLSS - see Help

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.

5/20/24 2:36 PM

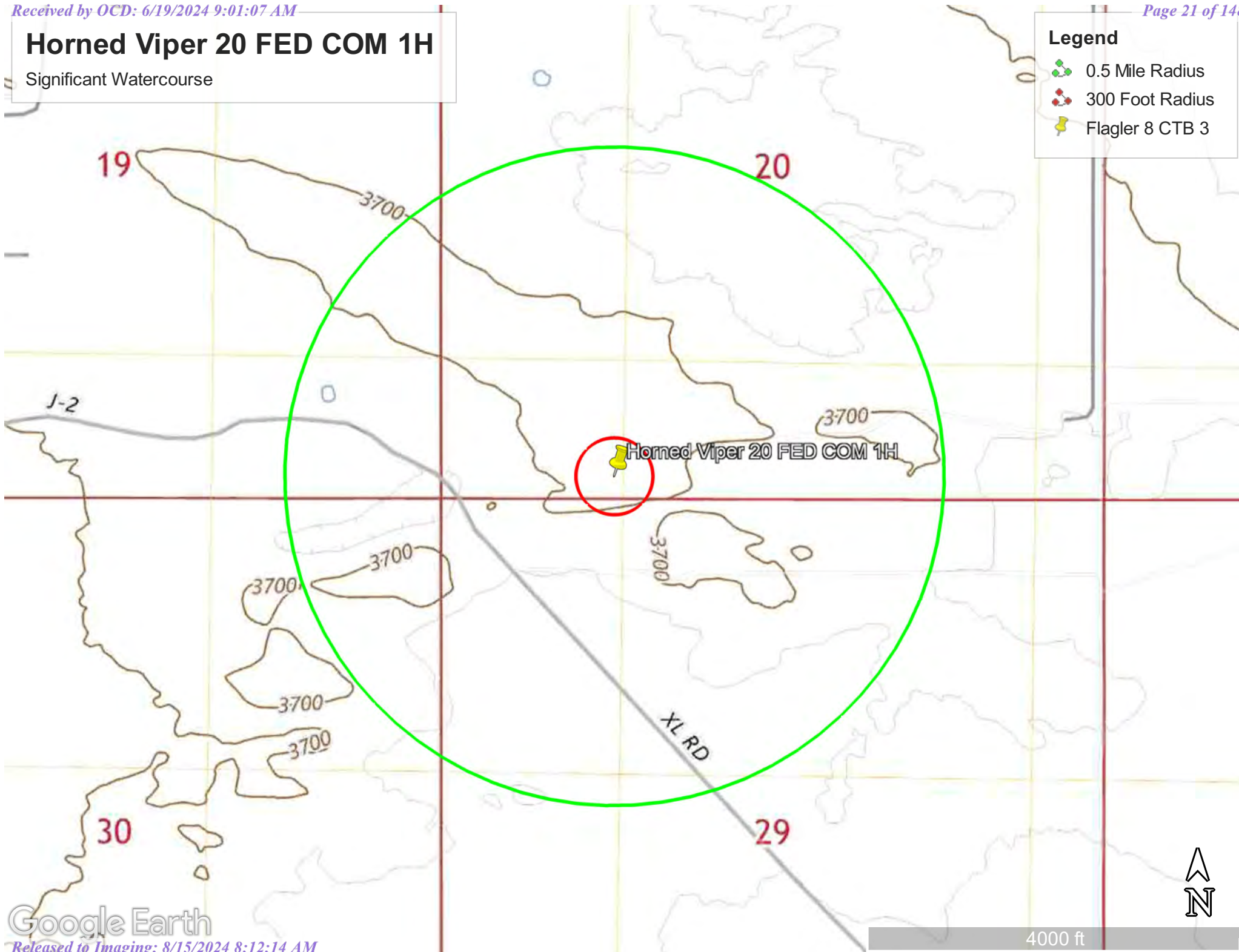
POINT OF DIVERSION SUMMARY

Horned Viper 20 FED COM 1H

Significant Watercourse

Legend

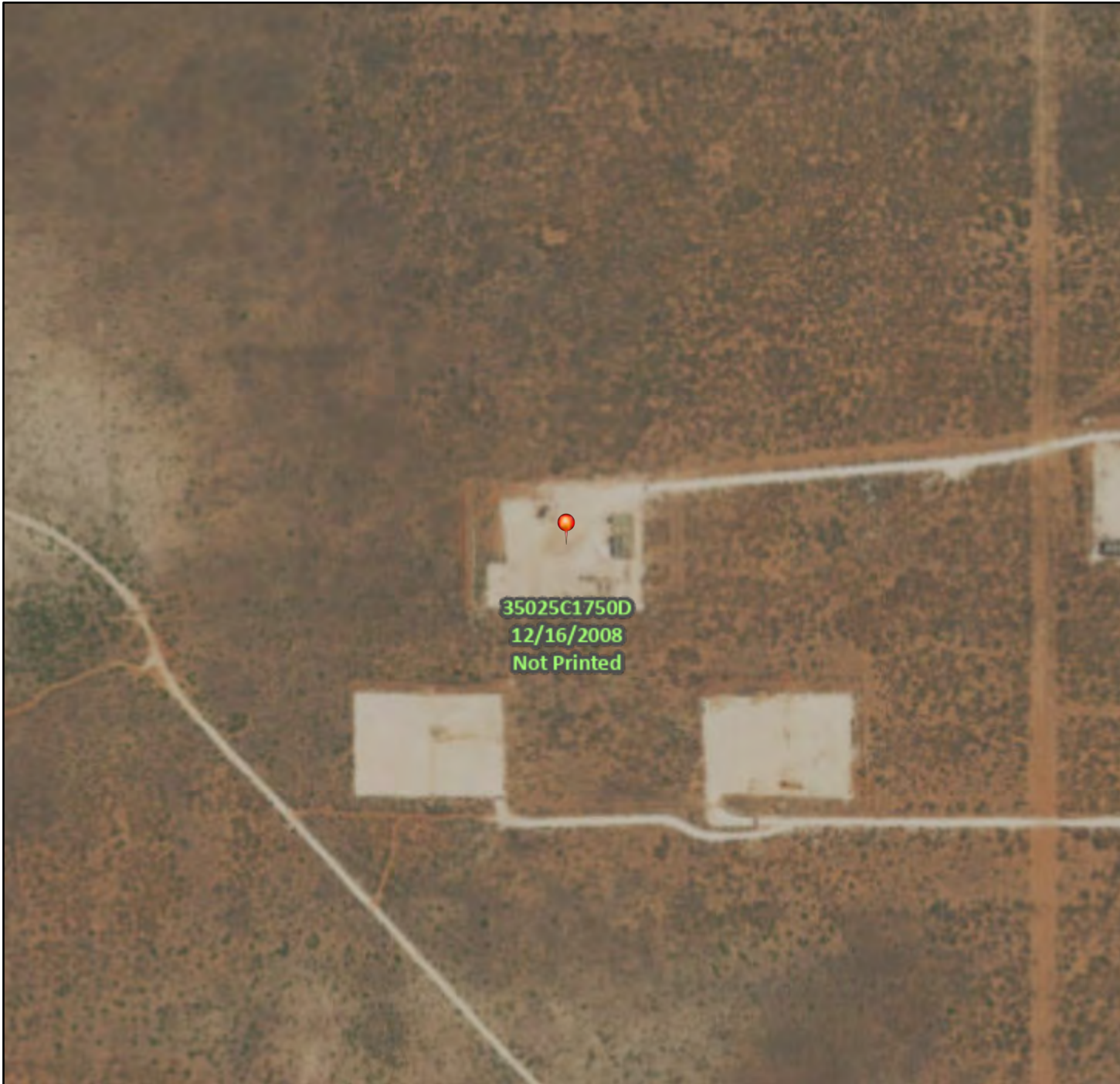
- 0.5 Mile Radius
- 300 Foot Radius
- Flagler 8 CTB 3



National Flood Hazard Layer FIRMMette



103°36'13"W 32°17'16"N



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

1:6,000

103°35'36"W 32°16'45"N

Released to Imaging: 8/15/2024 8:12:14 AM

Basemap Imagery Source: USGS National Map 2023

Legend

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

| | | |
|-----------------------------|--|---|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE) Zone A, V, A99 |
| | | With BFE or Depth Zone AE, AO, AH, VE, AR |
| | | Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X |
| | | Future Conditions 1% Annual Chance Flood Hazard Zone X |
| | | Area with Reduced Flood Risk due to Levee. See Notes. Zone X |
| | | Area with Flood Risk due to Levee Zone D |
| OTHER AREAS | | NO SCREEN Area of Minimal Flood Hazard Zone X |
| | | Effective LOMRs |
| | | Area of Undetermined Flood Hazard Zone D |
| GENERAL STRUCTURES | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |
| OTHER FEATURES | | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| | | Coastal Transect Baseline |
| MAP PANELS | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |

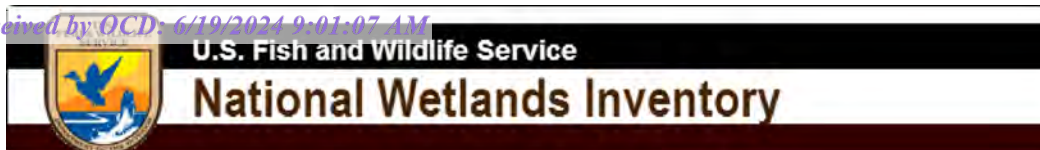


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/2/2024 at 3:43 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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








Wetlands Map




January 2, 2024

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond

-  Lake
-  Other
-  Riverine

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

TABLES

Table 1
Summary of Soil Analytical Data - Delineation Samples
HORNED VIPER 20 FEDERAL COM #001H
Devon Energy Production Company
Lea County, New Mexico

| Sample ID | Sample Date | Depth (ft bgs) | Benzene | Toluene | Ethylbenzene | Xylenes | BTEX | TPH | | | | | Chloride |
|--------------------------------|-------------|-------------------|--|----------|--------------|---------|---------|-----------------|------------------|-----------------------|------------------|----------------------------------|----------|
| | | | | | | | | GRO (C6-C10) | DRO (C10-C28) | GRO + DRO (C6-C28) | MRO (C28-C35) | Total GRO/DRO/MRO (C6-C35) | |
| | | | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | |
| | | | Table I Closure Criteria for Soil <50feet Depth to Groundwater 19.15.29 NMAC | | | | | | | | | | |
| 10 mg/kg | --- | --- | --- | 50 mg/kg | --- | --- | --- | --- | 100 mg/kg | 600 mg/kg | | | |
| Horizontal Delineation Samples | | | | | | | | | | | | | |
| H-1 | 12/28/2023 | 0-6" | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 48 |
| H-2 | 12/28/2023 | 0-6" | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 48 |
| H-3 | 12/28/2023 | 0-6" | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 112 |
| H-4 | 12/28/2023 | 0-6" | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 144 |
| H-5 | 12/28/2023 | 0-6" | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 327 | 327 | 98.1 | 425.1 | 352 |
| H-6 | 12/28/2023 | 0-6" | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 48 |
| H-7 | 12/28/2023 | 0-6" | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 208 |
| H-8 | 12/28/2023 | 0-6" | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 128 |
| Vertical Delineation Samples | | | | | | | | | | | | | |
| TP-1 | 3/8/2024 | 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 373 | 373 | 68.1 | 441.1 | 480 |
| | 3/8/2024 | 1-1.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 78.7 | 78.7 | 13.3 | 92 | 592 |
| | 2/21/2024 | 2 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 32 |
| | 2/21/2024 | 3 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 32 |
| | 2/21/2024 | 4 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 48 |
| | 2/21/2024 | 5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 64 |
| | 2/21/2024 | 6 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 48 |
| | 2/21/2024 | 7 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 80 |
| 2/21/2024 | 8 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 80 | |
| TP-2 | 3/8/2024 | 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 470 | 470 | 334 | 804 | 1,800 |
| | 3/8/2024 | 1-1.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 25.6 | 25.6 | 49.3 | 74.9 | 336 |
| | 2/21/2024 | 2 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 512 |
| | 2/21/2024 | 3 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 832 |
| | 2/21/2024 | 4 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 720 |
| | 2/21/2024 | 5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 72.1 | 72.1 | 12 | 84.1 | 80 |
| | 2/21/2024 | 6 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 64 |
| | 2/21/2024 | 7 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 16 |
| | 2/21/2024 | 8 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 80 |
| | 2/21/2024 | 9 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 48 |
| 2/21/2024 | 10 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 32 | |

Table 1
Summary of Soil Analytical Data - Delineation Samples
HORNED VIPER 20 FEDERAL COM #001H
Devon Energy Production Company
Lea County, New Mexico

| Sample ID | Sample Date | Depth (ft bgs) | Benzene | Toluene | Ethylbenzene | Xylenes | BTEX | TPH | | | | | Chloride |
|-----------|-------------|-------------------|--|---------|--------------|---------|----------|-----------------|------------------|-----------------------|------------------|----------------------------------|-----------|
| | | | | | | | | GRO (C6-C10) | DRO (C10-C28) | GRO + DRO (C6-C28) | MRO (C28-C35) | Total GRO/DRO/MRO (C6-C35) | |
| | | | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | |
| | | | Table I Closure Criteria for Soil <50feet Depth to Groundwater 19.15.29 NMAC | | | | | | | | | | |
| | | | 10 mg/kg | --- | --- | --- | 50 mg/kg | --- | --- | --- | --- | 100 mg/kg | 600 mg/kg |
| TP-3 | 3/8/2024 | 0.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 912 | 912 | 188 | 1,100 | 6,720 |
| | 3/8/2024 | 1-1.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 25.4 | 25.4 | <10.0 | 25.4 | 3,440 |
| | 2/21/2024 | 2 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 464 |
| | 2/21/2024 | 3 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 304 |
| | 2/21/2024 | 4 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 144 |
| | 2/21/2024 | 5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 48 |
| | 2/21/2024 | 6 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 32 |
| | 2/21/2024 | 7 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 64 |
| 2/21/2024 | 8 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 48 | |
| TP-4 | 3/8/2024 | 1-1.5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 149 | 149 | 104 | 253 | 304 |
| | 2/21/2024 | 2 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 48 |
| | 2/21/2024 | 3 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 80 |
| | 2/21/2024 | 4 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 32 |
| | 2/21/2024 | 5 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 32 |
| | 2/21/2024 | 6 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | <16.0 |
| | 2/21/2024 | 7 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 32 |
| | 2/21/2024 | 8 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 32 |
| | | | | | | | | | | | | | |

Notes:

- Values reported in mg/kg
- < = Value Less Than Reporting Limit (RL)
- Bold indicates Analyte Detected
- BTEX analyses by EPA Method SW 8021B

5. TPH analyses by EPA Method SW 8015 Mod.

6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

SP-1

Sample Point Excavated

Table 2
Summary of Soil Analytical Data - Confirmation Samples
HORNED VIPER 20 FEDERAL COM #001H
Devon Energy Production Company
Lea County, New Mexico

| Sample ID | Sample Date | Depth (ft bgs) | Benzene | Toluene | Ethylbenzene | Xylenes | BTEX | TPH | | | | | Chloride |
|-------------------------------|-------------|-------------------|--|---------|--------------|---------|----------|-----------------|------------------|-----------------------|------------------|----------------------------------|-----------|
| | | | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | GRO (C6-C10) | DRO (C10-C28) | GRO + DRO (C6-C28) | MRO (C28-C35) | Total GRO/DRO/MRO (C6-C35) | |
| | | | Table I Closure Criteria for Soil <50feet Depth to Groundwater 19.15.29 NMAC | | | | | | | | | | |
| | | | 10 mg/kg | --- | --- | --- | 50 mg/kg | --- | --- | --- | --- | 100 mg/kg | 600 mg/kg |
| Base Confirmation Samples | | | | | | | | | | | | | |
| CS-1 | 4/10/2024 | 2' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 64 |
| CS-2 | 4/10/2024 | 2' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 592 |
| CS-3 | 4/10/2024 | 5' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 304 |
| CS-4 | 4/10/2024 | 5' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 31.6 | 31.6 | <10.0 | 31.6 | 128 |
| CS-5 | 4/10/2024 | 5' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 48 |
| CS-6 | 4/10/2024 | 1' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 160 |
| CS-7 | 4/10/2024 | 1' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 23.1 | 23.1 | <10.0 | 23.1 | 160 |
| Sidewall Confirmation Samples | | | | | | | | | | | | | |
| SW-1 | 4/10/2024 | 0-2' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 112 |
| SW-2 | 4/10/2024 | 0-2' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 224 |
| SW-3 | 4/10/2024 | 2-5' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 32 |
| SW-4 | 4/10/2024 | 0-2' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 512 |
| SW-5 | 4/10/2024 | 0-2' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 496 |
| SW-6 | 4/10/2024 | 0-2' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 144 |
| SW-7 | 4/10/2024 | 0-2' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 64 |
| SW-8 | 4/10/2024 | 0-5' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 32 |
| SW-9 | 4/10/2024 | 0-5' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 48 |
| SW-10 | 4/10/2024 | 1-5' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 64 |
| SW-11 | 4/10/2024 | 0-5' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 848 |
| SW-12 | 4/10/2024 | 0-1' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | 62.2 | 62.2 | 13.4 | 75.6 | 320 |
| SW-13 | 4/10/2024 | 0-1' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 112 |
| SW-14 | 4/10/2024 | 0-1' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 176 |
| SW-15 | 4/10/2024 | 0-1' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 96 |
| Deferral sample | | | | | | | | | | | | | |
| D-1 | 4/10/2024 | 0-6" | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 624 |
| | 4/15/2024 | 1-1.5' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 336 |
| | 4/15/2024 | 2-2.5' | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 112 |
| D-2 | 4/10/2024 | 0-6" | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 96 |
| D-3 | 5/1/2024 | 0-6" | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <10.0 | <10.0 | <10.0 | <10.0 | <10.0 | 16 |

Notes:

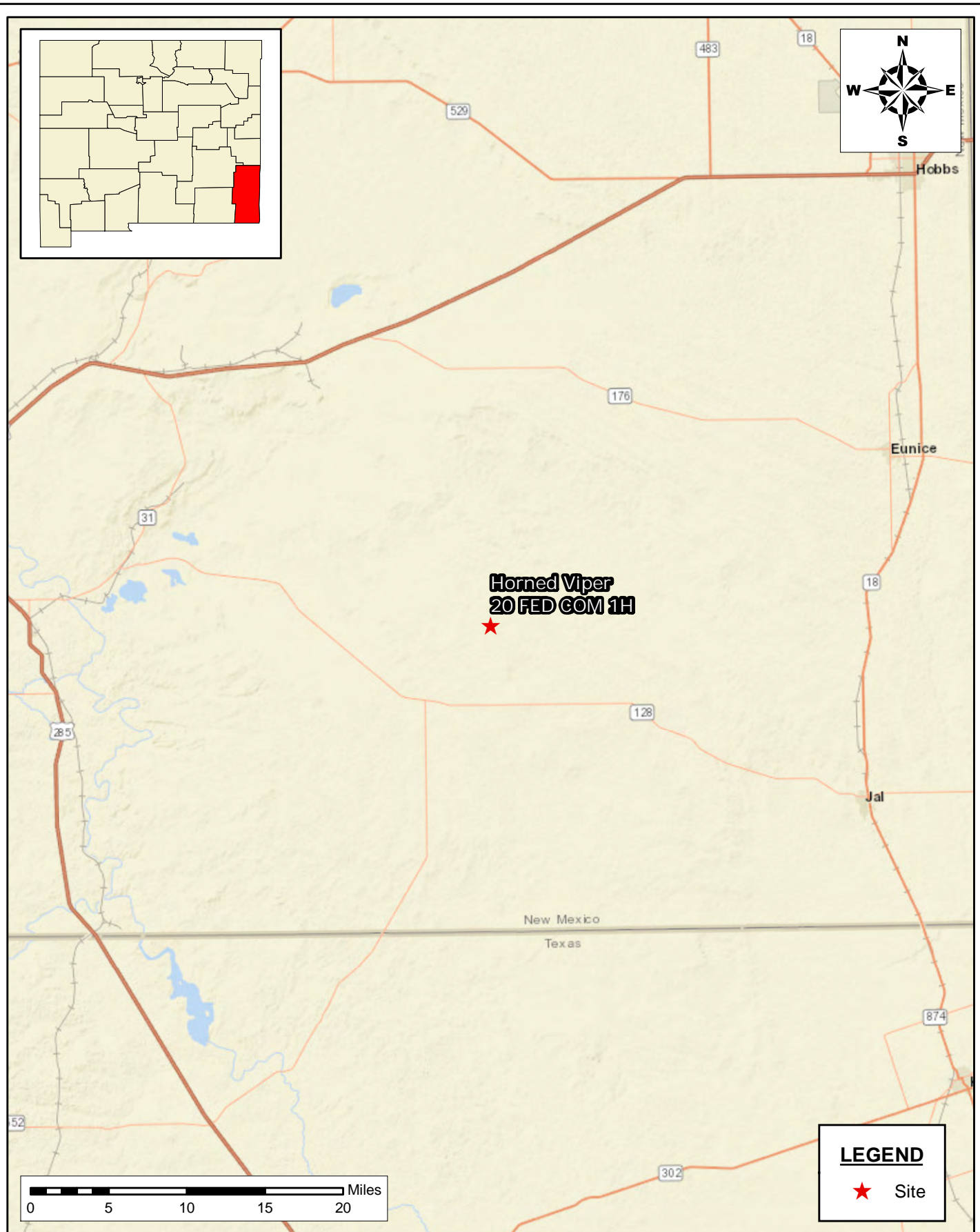
- 1. Values reported in mg/kg
- 2. < = Value Less Than Reporting Limit (RL)
- 3. Bold indicates Analyte Detected
- 4. BTEX analyses by EPA Method SW 8021B

| | |
|------|------------------------|
| SP-1 | Sample Point Excavated |
|------|------------------------|

- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).
- 9. --- Not Analyzed

FIGURES

Document Path: C:\Users\ntgeis\New Tech Global\NTGE - Documents\2024 PROJECTS\DEVON\NRSC\238090 - Horned Viper 20 FED COM 1H\7 - Figures\GIS\Figure_1_SL.mxd



SITE LOCATION MAP
DEFERRAL REPORT
DEVON ENERGY PRODUCTION COMPANY
HORNED VIPER 20 FED COM 1H
LEA COUNTY, NEW MEXICO

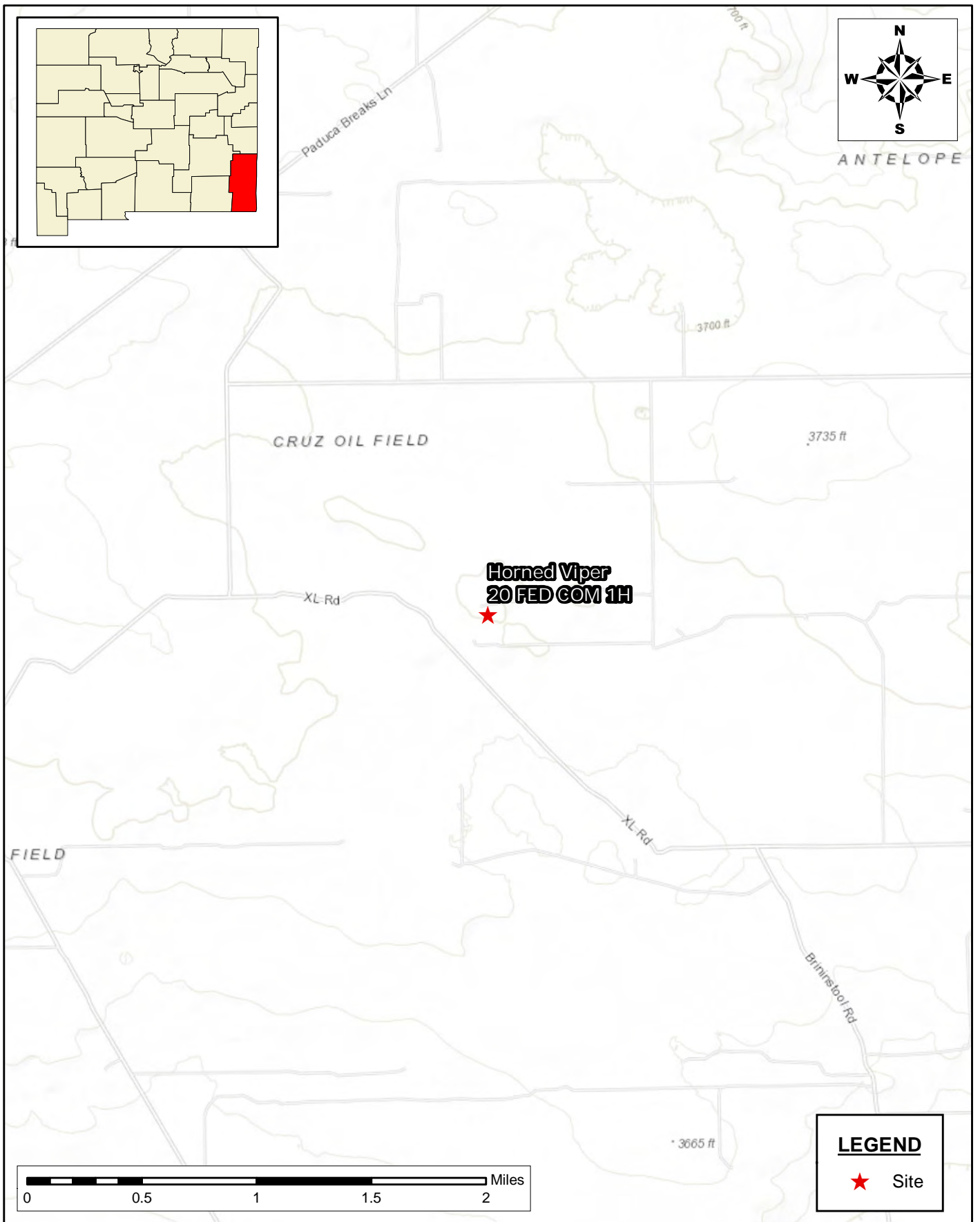
SCALE: As Shown Date: 2/16/2024 PROJECT #: 238090


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 1
SHEET NUMBER:
1 of 1

Document Path: C:\Users\ntge\Documents\2024 PROJECTS\DEVON\NRSC\238090 - Horned Viper 20 FED COM 1H - Figures\GIS\Figure_2_.mxd



SITE LOCATION MAP
DEFERRAL REPORT
DEVON ENERGY PRODUCTION COMPANY
HORNED VIPER 20 FED COM 1H
LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 2/16/2024 PROJECT #: 238090

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



NOTES:

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

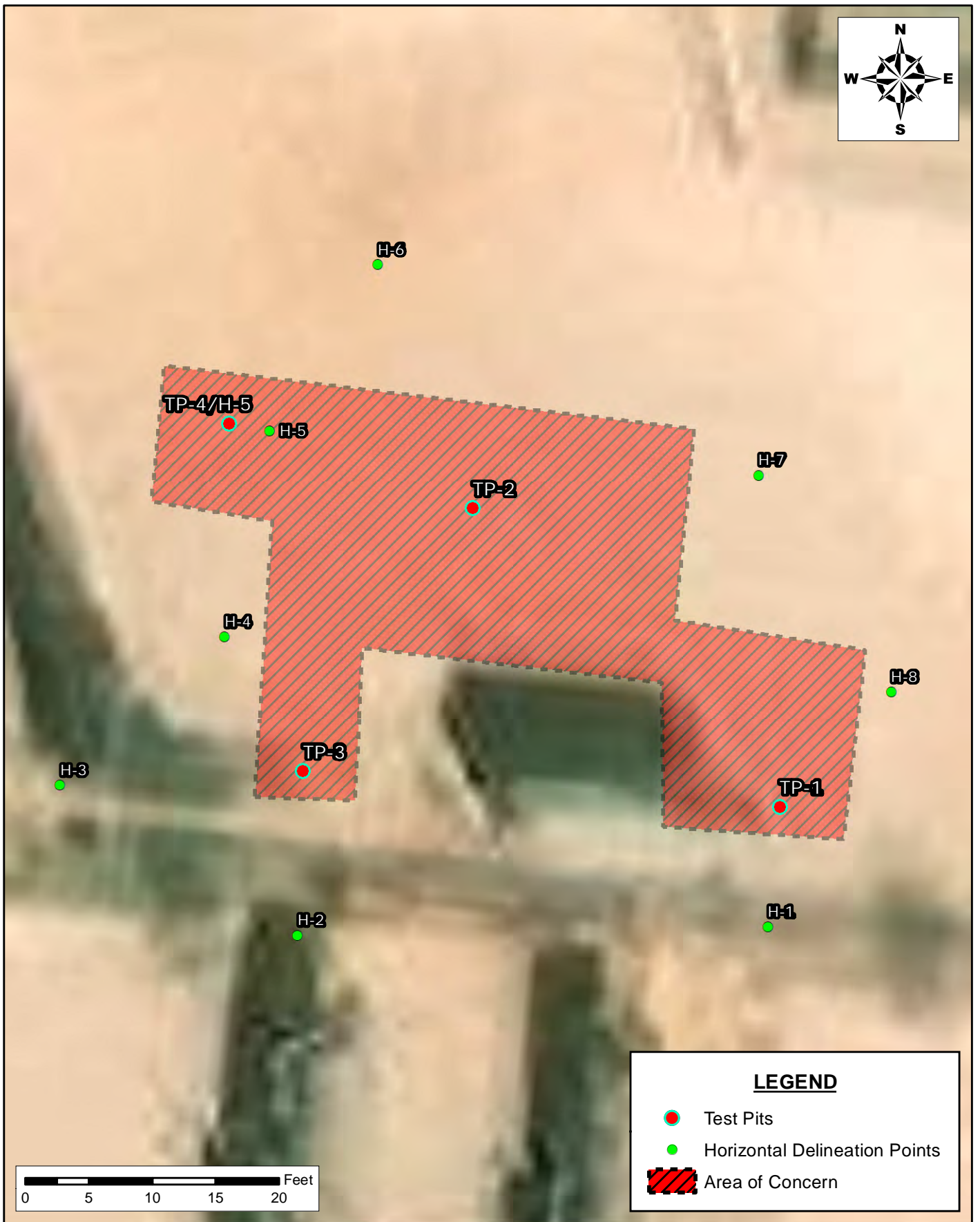
DRAWING NUMBER:

FIGURE 2

SHEET NUMBER:

1 of 1

Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\2024 PROJECTS\DEVON\NRSC\238090 - Horned Viper 20 FED COM 1H\7 - Figures\GIS\Figure_3_JA.mxd



LEGEND

- Test Pits
- Horizontal Delineation Points
- Area of Concern

SITE ASSESSMENT MAP
DEFERRAL REPORT
DEVON ENERGY PRODUCTION COMPANY HORNED
VIPER 20 FED COM 1H
LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN DATE: 03/14/2024 PROJECT #: 238090



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 2017
2. Map Projection: NAD 1983

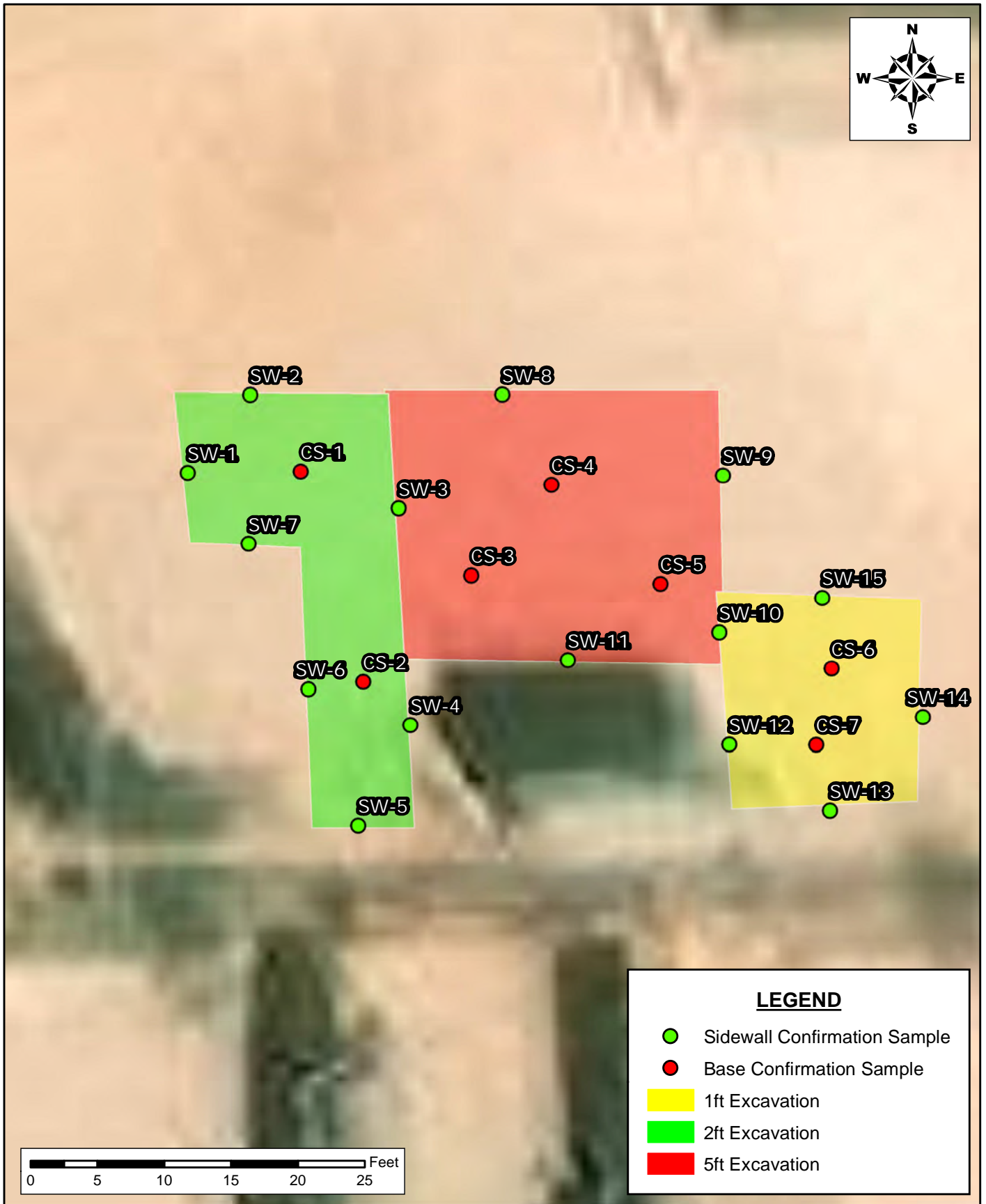
DRAWING NUMBER:

FIGURE 3

SHEET NUMBER:

1 of 1

Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\2024 PROJECTS\DEVON\RSC\238090 - Horned Viper 20 FED COM 1H17 - Figures\GIS\Figure_4_CM.mxd



CONFIRMATION SAMPLE MAP
DEFERRAL REPORT
HORNED VIPER 20 FEDERAL COM #001H
DEVON ENERGY PRODUCTION COMPANY
LEA COUNTY, NEW MEXICO

SCALE: As Shown Date: 5/16/2024 PROJECT #: 238090



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

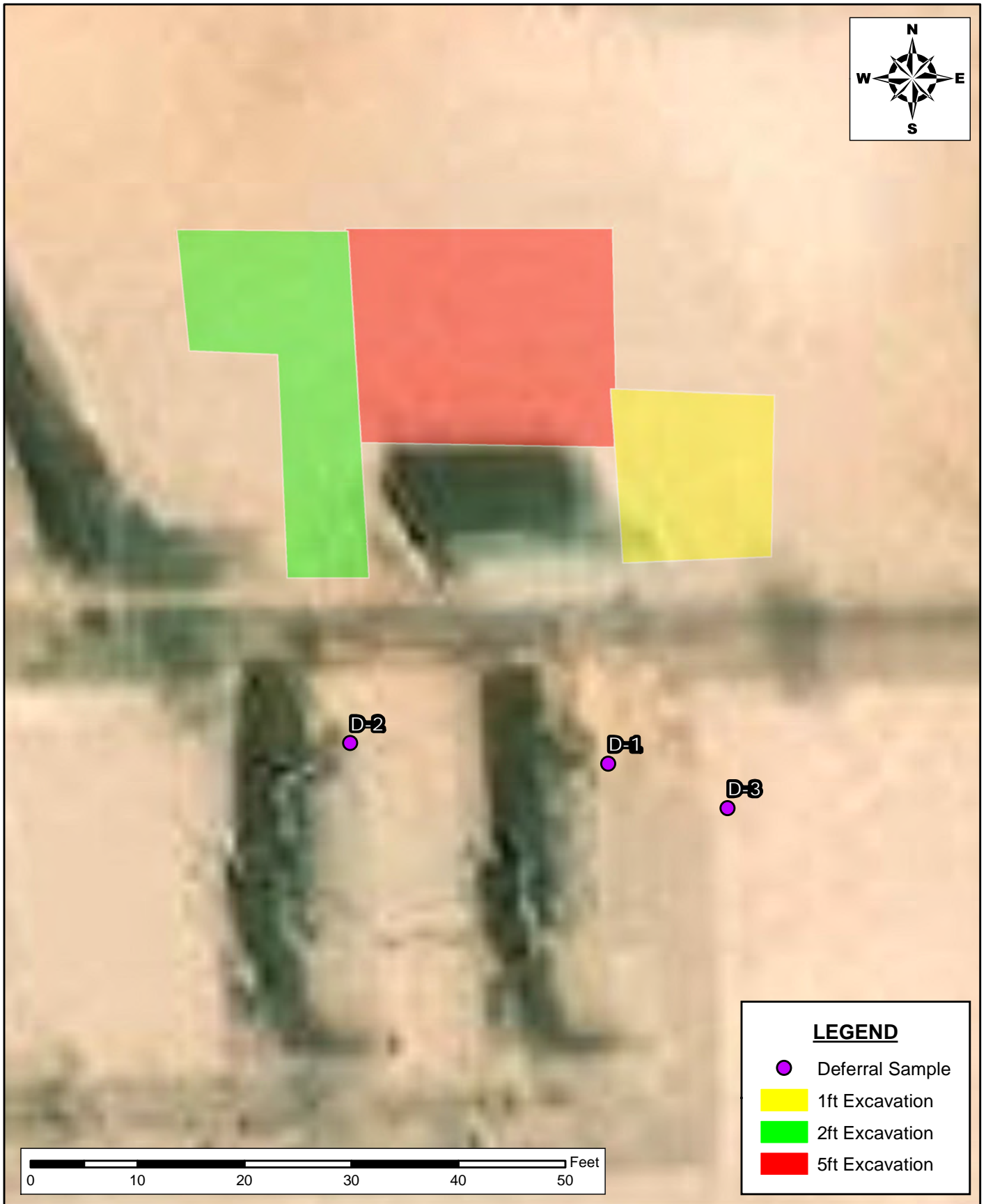
DRAWING NUMBER:

FIGURE 4

SHEET NUMBER:

1 of 1

Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\2024 PROJECTS\DEVON\RSC\238090 - Horned Viper 20 FED COM 1H17 - Figures\GIS\Figure_5_DM.mxd



DEFERRAL SAMPLE MAP
DEFERRAL REPORT
HORNED VIPER 20 FEDERAL COM #001H
DEVON ENERGY PRODUCTION COMPANY
LEA COUNTY, NEW MEXICO

SCALE: As Shown

Date: 5/16/2024

PROJECT #: 238090



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 5

SHEET NUMBER:

1 of 1

PHOTOGRAPHIC LOG

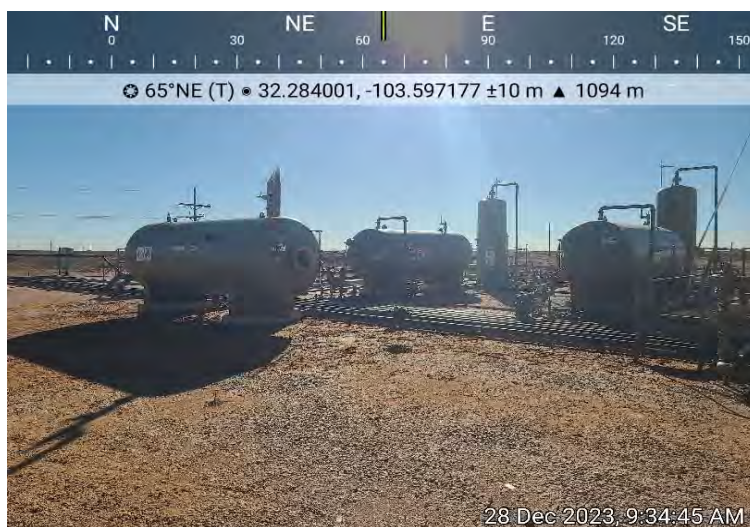
PHOTOGRAPHIC LOG
Devon Energy Production Company
Horned Viper 20 Fed Com 1H

Photograph No. 1

Facility: Horned Viper 20 Fed Com 1H

County: Lea County, New Mexico

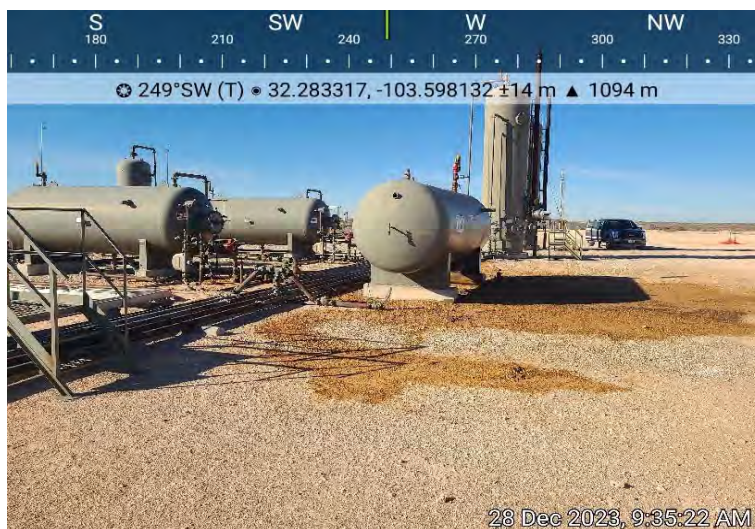
Description:
Area of Concern.

**Photograph No. 2**

Facility: Horned Viper 20 Fed Com 1H

County: Lea County, New Mexico

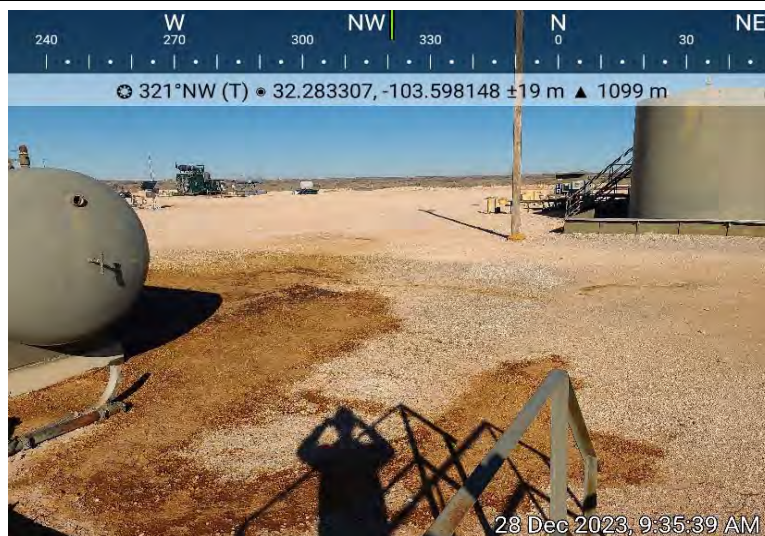
Description:
Area of Concern

**Photograph No. 3**

Facility: Horned Viper 20 Fed Com 1H

County: Lea County, New Mexico

Description:
Area of Concern



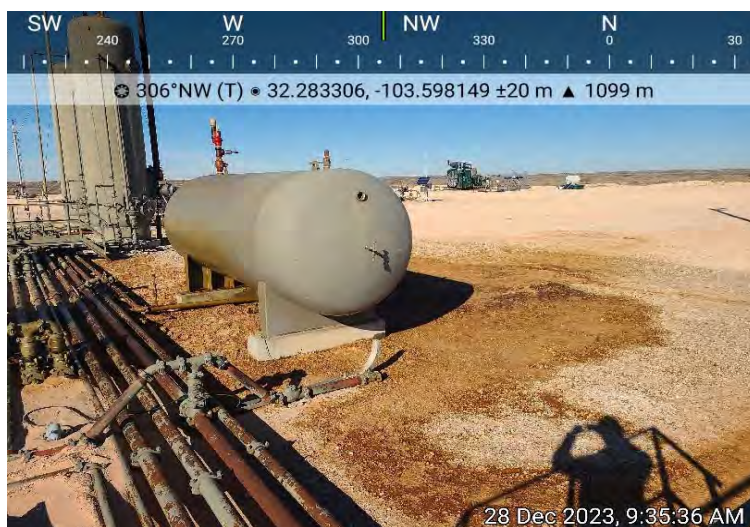
PHOTOGRAPHIC LOG
Devon Energy Production Company
Horned Viper 20 Fed Com 1H

Photograph No. 4

Facility: Horned Viper 20 Fed Com 1H

County: Lea County, New Mexico

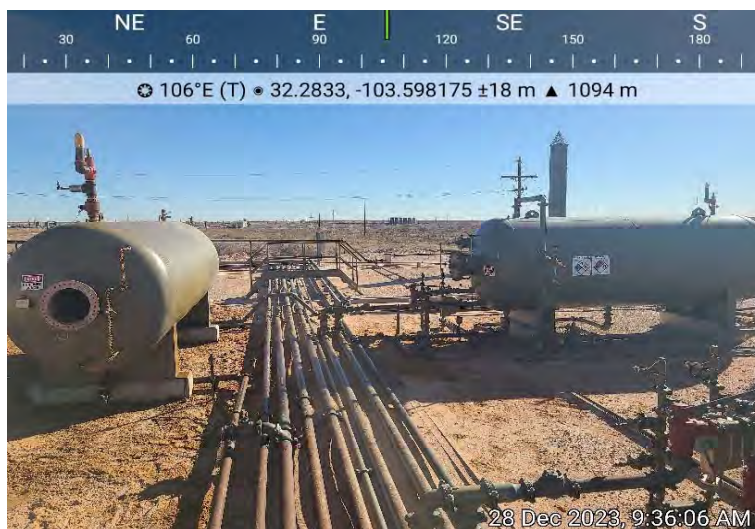
Description:
Area of Concern.

**Photograph No. 5**

Facility: Horned Viper 20 Fed Com 1H

County: Lea County, New Mexico

Description:
Area of Concern

**Photograph No. 6**

Facility: Horned Viper 20 Fed Com 1H

County: Lea County, New Mexico

Description:
Area of Concern



PHOTOGRAPHIC LOG
Devon Energy Production Company
Horned Viper 20 Fed Com 1H

Photograph No. 7

Facility: Horned Viper 20 Fed Com 1H

County: Lea County, New Mexico

Description:
View of Excavation

**Photograph No. 8**

Facility: Horned Viper 20 Fed Com 1H

County: Lea County, New Mexico

Description:
View of Excavation

**Photograph No. 9**

Facility: Horned Viper 20 Fed Com 1H

County: Lea County, New Mexico

Description:
View of Excavation



PHOTOGRAPHIC LOG
Devon Energy Production Company
Horned Viper 20 Fed Com 1H

Photograph No. 10

Facility: Horned Viper 20 Fed Com 1H

County: Lea County, New Mexico

Description:
View of Excavation

**Photograph No. 11**

Facility: Horned Viper 20 Fed Com 1H

County: Lea County, New Mexico

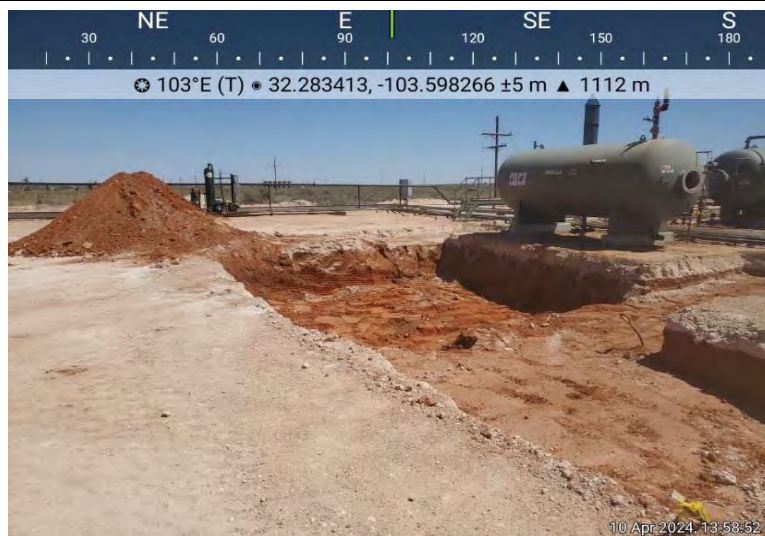
Description:
View of Excavation

**Photograph No. 12**

Facility: Horned Viper 20 Fed Com 1H

County: Lea County, New Mexico

Description:
View of Excavation



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

January 02, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: HORNED VIPER 20 FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 12/28/23 11:56.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 12/28/2023
 Reported: 01/02/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 12/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: H -1 (0-6") (H236851-01)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.21 | 110 | 2.00 | 0.446 | |
| Toluene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.19 | 110 | 2.00 | 0.125 | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.20 | 110 | 2.00 | 0.397 | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2023 | ND | 6.47 | 108 | 6.00 | 0.0285 | |
| Total BTX | <0.300 | 0.300 | 12/28/2023 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 12/29/2023 | ND | 384 | 96.0 | 400 | 8.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2023 | ND | 227 | 114 | 200 | 0.331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2023 | ND | 215 | 108 | 200 | 0.884 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 12/28/2023
 Reported: 01/02/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 12/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: H -2 (0-6") (H236851-02)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.21 | 110 | 2.00 | 0.446 | | |
| Toluene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.19 | 110 | 2.00 | 0.125 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.20 | 110 | 2.00 | 0.397 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2023 | ND | 6.47 | 108 | 6.00 | 0.0285 | | |
| Total BTEx | <0.300 | 0.300 | 12/28/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 12/29/2023 | ND | 384 | 96.0 | 400 | 8.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2023 | ND | 227 | 114 | 200 | 0.331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2023 | ND | 215 | 108 | 200 | 0.884 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 12/28/2023
 Reported: 01/02/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 12/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: H -3 (0-6") (H236851-03)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.21 | 110 | 2.00 | 0.446 | | |
| Toluene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.19 | 110 | 2.00 | 0.125 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.20 | 110 | 2.00 | 0.397 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2023 | ND | 6.47 | 108 | 6.00 | 0.0285 | | |
| Total BTEX | <0.300 | 0.300 | 12/28/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 12/29/2023 | ND | 384 | 96.0 | 400 | 8.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2023 | ND | 227 | 114 | 200 | 0.331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2023 | ND | 215 | 108 | 200 | 0.884 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 12/28/2023
 Reported: 01/02/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 12/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: H -4 (0-6") (H236851-04)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.21 | 110 | 2.00 | 0.446 | | |
| Toluene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.19 | 110 | 2.00 | 0.125 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.20 | 110 | 2.00 | 0.397 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2023 | ND | 6.47 | 108 | 6.00 | 0.0285 | | |
| Total BTEX | <0.300 | 0.300 | 12/28/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 12/29/2023 | ND | 384 | 96.0 | 400 | 8.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2023 | ND | 227 | 114 | 200 | 0.331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2023 | ND | 215 | 108 | 200 | 0.884 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 12/28/2023
 Reported: 01/02/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 12/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: H -5 (0-6") (H236851-05)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.21 | 110 | 2.00 | 0.446 | | |
| Toluene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.19 | 110 | 2.00 | 0.125 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.20 | 110 | 2.00 | 0.397 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2023 | ND | 6.47 | 108 | 6.00 | 0.0285 | | |
| Total BTEX | <0.300 | 0.300 | 12/28/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 352 | 16.0 | 12/29/2023 | ND | 384 | 96.0 | 400 | 8.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2023 | ND | 227 | 114 | 200 | 0.331 | |
| DRO >C10-C28* | 327 | 10.0 | 12/28/2023 | ND | 215 | 108 | 200 | 0.884 | |
| EXT DRO >C28-C36 | 98.1 | 10.0 | 12/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 12/28/2023
 Reported: 01/02/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 12/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: H -6 (0-6") (H236851-06)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.21 | 110 | 2.00 | 0.446 | | |
| Toluene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.19 | 110 | 2.00 | 0.125 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.20 | 110 | 2.00 | 0.397 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2023 | ND | 6.47 | 108 | 6.00 | 0.0285 | | |
| Total BTEX | <0.300 | 0.300 | 12/28/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 12/29/2023 | ND | 384 | 96.0 | 400 | 8.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2023 | ND | 227 | 114 | 200 | 0.331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2023 | ND | 215 | 108 | 200 | 0.884 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 12/28/2023
 Reported: 01/02/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 12/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: H -7 (0-6") (H236851-07)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.21 | 110 | 2.00 | 0.446 | | |
| Toluene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.19 | 110 | 2.00 | 0.125 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.20 | 110 | 2.00 | 0.397 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2023 | ND | 6.47 | 108 | 6.00 | 0.0285 | | |
| Total BTEX | <0.300 | 0.300 | 12/28/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 208 | 16.0 | 12/29/2023 | ND | 384 | 96.0 | 400 | 8.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2023 | ND | 227 | 114 | 200 | 0.331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2023 | ND | 215 | 108 | 200 | 0.884 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 12/28/2023
 Reported: 01/02/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 12/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: H -8 (0-6") (H236851-08)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.21 | 110 | 2.00 | 0.446 | | |
| Toluene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.19 | 110 | 2.00 | 0.125 | | |
| Ethylbenzene* | <0.050 | 0.050 | 12/28/2023 | ND | 2.20 | 110 | 2.00 | 0.397 | | |
| Total Xylenes* | <0.150 | 0.150 | 12/28/2023 | ND | 6.47 | 108 | 6.00 | 0.0285 | | |
| Total BTEx | <0.300 | 0.300 | 12/28/2023 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 01/02/2024 | ND | 400 | 100 | 400 | 7.69 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 12/28/2023 | ND | 227 | 114 | 200 | 0.331 | |
| DRO >C10-C28* | <10.0 | 10.0 | 12/28/2023 | ND | 215 | 108 | 200 | 0.884 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 12/28/2023 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------|--|--|--|-------------------|--|-------------------------|--|--------|--|----------|--|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Company Name: <u>NTG Environmental</u> | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | | | |
| Project Manager: <u>Ethan Sessions</u> | | | | P.O. #: <u>21269527</u> | | | | | | | | | | | | | | | | | | | | | | | |
| Address: <u>209 W McKay St.</u> | | | | Company: <u>Devon</u> | | | | | | | | | | | | | | | | | | | | | | | |
| City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u> | | | | Attn: <u>Dale Woodall</u> | | | | | | | | | | | | | | | | | | | | | | | |
| Phone #: <u>(432) 766-1918</u> Fax #: | | | | Address: <u>Dale.woodall@devon.com</u> | | | | | | | | | | | | | | | | | | | | | | | |
| Project #: _____ Project Owner: <u>Devon</u> | | | | City: _____ | | | | | | | | | | | | | | | | | | | | | | | |
| Project Name: <u>Horned Viper 20 F&D COM 1H</u> | | | | State: _____ Zip: _____ | | | | | | | | | | | | | | | | | | | | | | | |
| Project Location: <u>LEA Co., NM</u> | | | | Phone #: _____ | | | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: <u>Jillian Smiley</u> | | | | Fax #: _____ | | | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | Lab I.D. | | Sample I.D. | | (G)RAB OR (C)OMP. | | # CONTAINERS | | MATRIX | | PRESERV. | | SAMPLING | | <u>BTEX</u> <u>TPH</u> <u>Chloride</u> | | | | | | | | | | | |
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| | | | | | | | |
|--|--|--------------------------------|--|--|--|---|--|
| Relinquished By: <u>[Signature]</u> | | Date: <u>12-28-23</u> | | Received By: <u>[Signature]</u> | | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: | |
| Time: <u>11:56</u> | | Time: <u>11:56</u> | | Time: <u>11:56</u> | | All Results are emailed. Please provide Email address: | |
| Relinquished By: <u>[Signature]</u> | | Date: _____ | | Received By: _____ | | REMARKS: | |
| Time: _____ | | Time: _____ | | Time: _____ | | Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush | |
| Delivered By: (Circle One) | | Observed Temp. °C <u>4.50</u> | | Sample Condition | | Bacteria (only) Sample Condition | |
| Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> | | Corrected Temp. °C <u>#140</u> | | Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> | | Cool <input type="checkbox"/> Intact <input type="checkbox"/> | |
| Sampler - UPS - Bus - Other: | | | | CHECKED BY: <u>[Signature]</u> (Initials) | | Thermometer ID #140 | |
| | | | | | | Correction Factor 0°C | |
| | | | | | | Corrected Temp. °C | |

FORM-006 R 3.4 07/11/23

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 23, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: HORNED VIPER 20 FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 02/21/24 12:48.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

| | | | |
|-------------------|----------------------------|---------------------|------------------|
| Received: | 02/21/2024 | Sampling Date: | 02/21/2024 |
| Reported: | 02/23/2024 | Sampling Type: | Soil |
| Project Name: | HORNED VIPER 20 FED COM 1H | Sampling Condition: | Cool & Intact |
| Project Number: | 238090 | Sample Received By: | Shalyn Rodriguez |
| Project Location: | DEVON - LEA CO, NM | | |

Sample ID: TP - 1 2 (H240848-01)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.14 | 107 | 2.00 | 4.65 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.12 | 106 | 2.00 | 4.74 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.08 | 104 | 2.00 | 4.82 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 6.08 | 101 | 6.00 | 4.70 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 02/22/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 1 3 (H240848-02)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.14 | 107 | 2.00 | 4.65 | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.12 | 106 | 2.00 | 4.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.08 | 104 | 2.00 | 4.82 | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 6.08 | 101 | 6.00 | 4.70 | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 02/22/2024 | ND | 416 | 104 | 400 | 7.41 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 1 4 (H240848-03)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.14 | 107 | 2.00 | 4.65 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.12 | 106 | 2.00 | 4.74 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.08 | 104 | 2.00 | 4.82 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 6.08 | 101 | 6.00 | 4.70 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 02/22/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 1 5 (H240848-04)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.14 | 107 | 2.00 | 4.65 | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.12 | 106 | 2.00 | 4.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.08 | 104 | 2.00 | 4.82 | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 6.08 | 101 | 6.00 | 4.70 | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 64.0 | 16.0 | 02/22/2024 | ND | 416 | 104 | 400 | 7.41 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 1 6 (H240848-05)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.14 | 107 | 2.00 | 4.65 | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.12 | 106 | 2.00 | 4.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.08 | 104 | 2.00 | 4.82 | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 6.08 | 101 | 6.00 | 4.70 | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 48.0 | 16.0 | 02/22/2024 | ND | 416 | 104 | 400 | 7.41 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 1 7 (H240848-06)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.14 | 107 | 2.00 | 4.65 | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.12 | 106 | 2.00 | 4.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.08 | 104 | 2.00 | 4.82 | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 6.08 | 101 | 6.00 | 4.70 | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 02/22/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 1 8 (H240848-07)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.14 | 107 | 2.00 | 4.65 | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.12 | 106 | 2.00 | 4.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.08 | 104 | 2.00 | 4.82 | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 6.08 | 101 | 6.00 | 4.70 | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 02/22/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 2 (H240848-08)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 512 | 16.0 | 02/22/2024 | ND | 416 | 104 | 400 | 7.41 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 3 (H240848-09)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 832 | 16.0 | 02/22/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 4 (H240848-10)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 720 | 16.0 | 02/22/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 5 (H240848-11)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEx | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 02/22/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | 72.1 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | 12.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 6 (H240848-12)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 02/22/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 7 (H240848-13)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 02/22/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 8 (H240848-14)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 02/22/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 9 (H240848-15)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 02/22/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 2 10 (H240848-16)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 02/23/2024 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 2 (H240848-17)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 464 | 16.0 | 02/23/2024 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 3 (H240848-18)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 304 | 16.0 | 02/23/2024 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 4 (H240848-19)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 02/23/2024 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 5 (H240848-20)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 02/23/2024 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 186 | 93.0 | 200 | 1.29 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 204 | 102 | 200 | 4.71 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 6 (H240848-21)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 02/23/2024 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 194 | 96.9 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 209 | 105 | 200 | 2.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 7 (H240848-22)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEx | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 02/23/2024 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 194 | 96.9 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 209 | 105 | 200 | 2.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 3 8 (H240848-23)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEx | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 02/23/2024 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 194 | 96.9 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 209 | 105 | 200 | 2.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 4 2 (H240848-24)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEx | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 02/23/2024 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 194 | 96.9 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 209 | 105 | 200 | 2.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 4 3 (H240848-25)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEx | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 02/23/2024 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 194 | 96.9 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 209 | 105 | 200 | 2.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
ETHAN SESSUMS
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 02/21/2024
Reported: 02/23/2024
Project Name: HORNED VIPER 20 FED COM 1H
Project Number: 238090
Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Shalyn Rodriguez

Sample ID: TP - 4 4 (H240848-26)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 02/23/2024 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 194 | 96.9 | 200 | 1.48 | | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 209 | 105 | 200 | 2.78 | | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | | |

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 4 5 (H240848-27)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.94 | 97.1 | 2.00 | 3.90 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.99 | 99.5 | 2.00 | 2.48 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 1.98 | 98.9 | 2.00 | 2.34 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 5.99 | 99.8 | 6.00 | 1.95 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 02/23/2024 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 194 | 96.9 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 209 | 105 | 200 | 2.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 4 6 (H240848-28)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.14 | 107 | 2.00 | 4.65 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.12 | 106 | 2.00 | 4.74 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.08 | 104 | 2.00 | 4.82 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 6.08 | 101 | 6.00 | 4.70 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | <16.0 | 16.0 | 02/23/2024 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 194 | 96.9 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 209 | 105 | 200 | 2.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 4 7 (H240848-29)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.14 | 107 | 2.00 | 4.65 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.12 | 106 | 2.00 | 4.74 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.08 | 104 | 2.00 | 4.82 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 6.08 | 101 | 6.00 | 4.70 | | |
| Total BTEX | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 02/23/2024 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 194 | 96.9 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 209 | 105 | 200 | 2.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 02/21/2024
 Reported: 02/23/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 02/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: TP - 4 8 (H240848-30)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.14 | 107 | 2.00 | 4.65 | | |
| Toluene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.12 | 106 | 2.00 | 4.74 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/22/2024 | ND | 2.08 | 104 | 2.00 | 4.82 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/22/2024 | ND | 6.08 | 101 | 6.00 | 4.70 | | |
| Total BTEx | <0.300 | 0.300 | 02/22/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 02/23/2024 | ND | 448 | 112 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/22/2024 | ND | 194 | 96.9 | 200 | 1.48 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/22/2024 | ND | 209 | 105 | 200 | 2.78 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/22/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 74.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 49.1-148

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Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 41240848

Page 1 of 3

Page 33 of 35



| | | | |
|------------------|--------------------|-------------------------|--|
| Project Manager: | Ethan Sessums | Bill to: (if different) | Wesley Matthews |
| Company Name: | NTG Environmental | Company Name: | Devon Energy |
| Address: | 209 W McKay St | Address: | 6488 Seven Rivers Highway |
| City, State ZIP: | Carlsbad, NM 88220 | City, State ZIP: | Artesia, NM 88210 |
| Phone: | (432) 701-2159 | Email: | Wesley.Matthews@dvn.com |

| 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: <input type="checkbox"/> |

[illegible]

Additional Comments:

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| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|--|---|--------------|------------------------------|--------------------------|-----------|
|  |  | 2-21-24 1248 | | | |
| | | | | | |
| | | | | | |



Chain of Custody

Work Order No: H240848

Page 2 of 3



| | | | |
|------------------|--------------------|--------------------------|--|
| Project Manager: | Ethan Sessums | Bill to: (if different): | Wesley Matthews |
| Company Name: | NTG Environmental | Company Name: | Devon Energy |
| Address: | 209 W McKay St | Address: | 6488 Seven Rivers Highway |
| City, State ZIP: | Carlsbad, NM 88220 | City, State ZIP: | Artesia, NM 88210 |
| Phone: | (432) 701-2159 | Email: | Wesley.Matthews@dvn.com |

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

[illegible]

Additional Comments:

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| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|--|---|--------------|------------------------------|--------------------------|-----------|
|  |  | 2-21-24 1248 | | | |
| | | | | | |
| | | | | | |



Chain of Custody

Work Order No:

o: H240848

Page 3 of 3

Page 35 of 35



| | | | |
|------------------|--------------------|-------------------------|--|
| Project Manager: | Ethan Sessums | Bill to: (if different) | Wesley Matthews |
| Company Name: | NTG Environmental | Company Name: | Devon Energy |
| Address: | 209 W McKay St | Address: | 6488 Seven Rivers Highway |
| City, State ZIP: | Carlsbad, NM 88220 | City, State ZIP: | Artesia, NM 88210 |
| Phone: | (432) 701-2159 | Email: | Wesley.Matthews@dvn.com |

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

[illegible]

Additional Comments:

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| Relinquished by: (Signature) | Received by: (Signature) | Date/Time | Relinquished by: (Signature) | Received by: (Signature) | Date/Time |
|--|---|--------------|------------------------------|--------------------------|-----------|
|  |  | 2/21/24 1248 | | | |
| | | | | | |
| | | | | | |

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 14, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: HORNED VIPER

Enclosed are the results of analyses for samples received by the laboratory on 03/08/24 13:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|--------------------------------|
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

| | |
|------------------|---|
| Method SM 9223-B | Total Coliform and E. coli (Colilert MMO-MUG) |
| Method EPA 524.2 | Regulated VOCs and Total Trihalomethanes (TTHM) |
| Method EPA 552.2 | Total Haloacetic Acids (HAA-5) |

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: HORNE VPER
Project Number: NOT GIVEN
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
14-Mar-24 17:40

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|------------|---------------|--------|-----------------|-----------------|
| TP 1 .5 | H241191-01 | Soil | 08-Mar-24 10:00 | 08-Mar-24 13:00 |
| TP 1 1-1.5 | H241191-02 | Soil | 08-Mar-24 10:00 | 08-Mar-24 13:00 |
| TP 2 .5 | H241191-03 | Soil | 08-Mar-24 10:00 | 08-Mar-24 13:00 |
| TP 2 1-1.5 | H241191-04 | Soil | 08-Mar-24 10:00 | 08-Mar-24 13:00 |
| TP 3 .5 | H241191-05 | Soil | 08-Mar-24 10:00 | 08-Mar-24 13:00 |
| TP 3 1-1.5 | H241191-06 | Soil | 08-Mar-24 10:00 | 08-Mar-24 13:00 |
| TP 4 1-1.5 | H241191-07 | Soil | 08-Mar-24 10:00 | 08-Mar-24 13:00 |

03/14/24 - Client changed the sample ID on -07 (see COC). This is the revised report and will replace the one sent on 03/13/24.

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: HORNE VIPER
Project Number: NOT GIVEN
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
14-Mar-24 17:40

TP 1 .5
H241191-01 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 480 | | 16.0 | mg/kg | 4 | 4031205 | AC | 12-Mar-24 | 4500-Cl-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | |
|----------------|--------|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Toluene* | <0.050 | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Ethylbenzene* | <0.050 | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Total Xylenes* | <0.150 | 0.150 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Total BTEX | <0.300 | 0.300 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |

| | | | | | | | |
|---------------------------------------|--------|----------|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | 95.1 % | 71.5-134 | 4031124 | JH | 12-Mar-24 | 8021B | |
|---------------------------------------|--------|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | |
|------------------|-------|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |
| DRO >C10-C28* | 373 | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |
| EXT DRO >C28-C36 | 68.1 | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |

| | | | | | | | |
|---------------------------|-------|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | 111 % | 48.2-134 | 4030857 | MS | 11-Mar-24 | 8015B | |
|---------------------------|-------|----------|---------|----|-----------|-------|--|

| | | | | | | | |
|-------------------------------|-------|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | 116 % | 49.1-148 | 4030857 | MS | 11-Mar-24 | 8015B | |
|-------------------------------|-------|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: HORNE VIPER
Project Number: NOT GIVEN
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
14-Mar-24 17:40

TP 1 1-1.5
H241191-02 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 592 | | 16.0 | mg/kg | 4 | 4031205 | AC | 12-Mar-24 | 4500-Cl-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 94.2 % | | 71.5-134 | 4031124 | JH | 12-Mar-24 | 8021B | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|-------------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |
| DRO >C10-C28* | 78.7 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |
| EXT DRO >C28-C36 | 13.3 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 110 % | | 48.2-134 | 4030857 | MS | 11-Mar-24 | 8015B | |
|---------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 114 % | | 49.1-148 | 4030857 | MS | 11-Mar-24 | 8015B | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: HORNE VIPER
Project Number: NOT GIVEN
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
14-Mar-24 17:40

TP2 .5
H241191-03 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 1800 | | 16.0 | mg/kg | 4 | 4031205 | AC | 12-Mar-24 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 93.8 % | | 71.5-134 | 4031124 | JH | 12-Mar-24 | 8021B | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|------------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |
| DRO >C10-C28* | 470 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |
| EXT DRO >C28-C36 | 334 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 97.5 % | | 48.2-134 | 4030857 | MS | 11-Mar-24 | 8015B | |
|---------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 118 % | | 49.1-148 | 4030857 | MS | 11-Mar-24 | 8015B | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: HORNE VIPER
Project Number: NOT GIVEN
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
14-Mar-24 17:40

TP 2 1-1.5
H241191-04 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 336 | | 16.0 | mg/kg | 4 | 4031205 | AC | 12-Mar-24 | 4500-Cl-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |

| | | | | | | | | | | |
|--|--|--|--------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 94.0 % | | 71.5-134 | 4031124 | JH | 12-Mar-24 | 8021B | |
|--|--|--|--------|--|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|----------------------------|-------------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |
| DRO >C10-C28* | 25.6 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |
| EXT DRO >C28-C36 | 49.3 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 95.2 % | | 48.2-134 | 4030857 | MS | 11-Mar-24 | 8015B | |
|----------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 98.5 % | | 49.1-148 | 4030857 | MS | 11-Mar-24 | 8015B | |
|--------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: HORNE VIPER
Project Number: NOT GIVEN
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
14-Mar-24 17:40

TP3 .5
H241191-05 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 6720 | | 16.0 | mg/kg | 4 | 4031205 | AC | 12-Mar-24 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 96.9 % | | 71.5-134 | 4031124 | JH | 12-Mar-24 | 8021B | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|------------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |
| DRO >C10-C28* | 912 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |
| EXT DRO >C28-C36 | 188 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 107 % | | 48.2-134 | 4030857 | MS | 11-Mar-24 | 8015B | |
|---------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 116 % | | 49.1-148 | 4030857 | MS | 11-Mar-24 | 8015B | |
|-------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: HORNED VIPER
Project Number: NOT GIVEN
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
14-Mar-24 17:40

TP 3 1-1.5
H241191-06 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 3440 | | 16.0 | mg/kg | 4 | 4031205 | AC | 12-Mar-24 | 4500-Cl-B | |
|-----------------|-------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |

| | | | | | | | | | | |
|--|--|--|--------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 4-Bromofluorobenzene (PID)</i> | | | 93.5 % | | 71.5-134 | 4031124 | JH | 12-Mar-24 | 8021B | |
|--|--|--|--------|--|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|-------------------------|-------------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |
| DRO >C10-C28* | 25.4 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |
| EXT DRO >C28-C36 | <10.0 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |

| | | | | | | | | | | |
|----------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctane</i> | | | 107 % | | 48.2-134 | 4030857 | MS | 11-Mar-24 | 8015B | |
|----------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|--------------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|
| <i>Surrogate: 1-Chlorooctadecane</i> | | | 111 % | | 49.1-148 | 4030857 | MS | 11-Mar-24 | 8015B | |
|--------------------------------------|--|--|-------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: HORNE VIPER
Project Number: NOT GIVEN
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
14-Mar-24 17:40

TP 4 1-1.5
H241191-07 (Soil)

| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|
|---------|--------|-----|-----------------|-------|----------|-------|---------|----------|--------|-------|

Cardinal Laboratories**Inorganic Compounds**

| | | | | | | | | | | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|
| Chloride | 304 | | 16.0 | mg/kg | 4 | 4031205 | AC | 12-Mar-24 | 4500-Cl-B | |
|-----------------|------------|--|------|-------|---|---------|----|-----------|-----------|--|

Volatile Organic Compounds by EPA Method 8021

| | | | | | | | | | | |
|----------------|--------|--|-------|-------|----|---------|----|-----------|-------|--|
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 4031124 | JH | 12-Mar-24 | 8021B | |

| | | | | | | | | | | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 4-Bromofluorobenzene (PID) | | | 94.4 % | | 71.5-134 | 4031124 | JH | 12-Mar-24 | 8021B | |
|---------------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

Petroleum Hydrocarbons by GC FID

| | | | | | | | | | | |
|------------------|------------|--|------|-------|---|---------|----|-----------|-------|--|
| GRO C6-C10* | <10.0 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |
| DRO >C10-C28* | 149 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |
| EXT DRO >C28-C36 | 104 | | 10.0 | mg/kg | 1 | 4030857 | MS | 11-Mar-24 | 8015B | |

| | | | | | | | | | | |
|---------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctane | | | 95.8 % | | 48.2-134 | 4030857 | MS | 11-Mar-24 | 8015B | |
|---------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

| | | | | | | | | | | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|
| Surrogate: 1-Chlorooctadecane | | | 98.1 % | | 49.1-148 | 4030857 | MS | 11-Mar-24 | 8015B | |
|-------------------------------|--|--|--------|--|----------|---------|----|-----------|-------|--|

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: HORNE VIPER
Project Number: NOT GIVEN
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
14-Mar-24 17:40

Inorganic Compounds - Quality Control**Cardinal Laboratories**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC Limits | RPD | RPD Limit | Notes |
|-------------------------------------|--------|--------------------|-------|----------------|--------------------------------|----------------|--------|--------------|-------|
| Batch 4031205 - 1:4 DI Water | | | | | | | | | |
| Blank (4031205-BLK1) | | | | | Prepared & Analyzed: 12-Mar-24 | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | |
| LCS (4031205-BS1) | | | | | Prepared & Analyzed: 12-Mar-24 | | | | |
| Chloride | 448 | 16.0 | mg/kg | 400 | | 112 | 80-120 | | |
| LCS Dup (4031205-BSD1) | | | | | Prepared & Analyzed: 12-Mar-24 | | | | |
| Chloride | 448 | 16.0 | mg/kg | 400 | | 112 | 80-120 | 0.00 | 20 |

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: HORNE Viper
Project Number: NOT GIVEN
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
14-Mar-24 17:40

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

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

Batch 4031124 - Volatiles**Blank (4031124-BLK1)**

Prepared: 11-Mar-24 Analyzed: 12-Mar-24

| | | | | | | | | | | |
|---------------------------------------|----|-------|-------|--------|--|------|----------|--|--|--|
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | ND | | mg/kg | 0.0500 | | 94.1 | 71.5-134 | | | |

LCS (4031124-BS1)

Prepared: 11-Mar-24 Analyzed: 12-Mar-24

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|------|----------|--|--|--|
| Benzene | 2.20 | 0.050 | mg/kg | 2.00 | | 110 | 82.8-130 | | | |
| Toluene | 2.18 | 0.050 | mg/kg | 2.00 | | 109 | 86-128 | | | |
| Ethylbenzene | 2.15 | 0.050 | mg/kg | 2.00 | | 107 | 85.9-128 | | | |
| m,p-Xylene | 4.16 | 0.100 | mg/kg | 4.00 | | 104 | 89-129 | | | |
| o-Xylene | 2.10 | 0.050 | mg/kg | 2.00 | | 105 | 86.1-125 | | | |
| Total Xylenes | 6.26 | 0.150 | mg/kg | 6.00 | | 104 | 88.2-128 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0476 | | mg/kg | 0.0500 | | 95.2 | 71.5-134 | | | |

LCS Dup (4031124-BSD1)

Prepared: 11-Mar-24 Analyzed: 12-Mar-24

| | | | | | | | | | | |
|---------------------------------------|--------|-------|-------|--------|--|------|----------|-------|------|--|
| Benzene | 2.22 | 0.050 | mg/kg | 2.00 | | 111 | 82.8-130 | 0.798 | 15.8 | |
| Toluene | 2.20 | 0.050 | mg/kg | 2.00 | | 110 | 86-128 | 0.898 | 15.9 | |
| Ethylbenzene | 2.16 | 0.050 | mg/kg | 2.00 | | 108 | 85.9-128 | 0.720 | 16 | |
| m,p-Xylene | 4.19 | 0.100 | mg/kg | 4.00 | | 105 | 89-129 | 0.800 | 16.2 | |
| o-Xylene | 2.11 | 0.050 | mg/kg | 2.00 | | 106 | 86.1-125 | 0.417 | 16.7 | |
| Total Xylenes | 6.30 | 0.150 | mg/kg | 6.00 | | 105 | 88.2-128 | 0.671 | 16.3 | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0471 | | mg/kg | 0.0500 | | 94.1 | 71.5-134 | | | |

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: HORNED VIPER
Project Number: NOT GIVEN
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
14-Mar-24 17:40

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

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

Batch 4030857 - General Prep - Organics**Blank (4030857-BLK1)**

Prepared: 08-Mar-24 Analyzed: 11-Mar-24

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C36 | ND | 10.0 | mg/kg | | | | | | | |
| Surrogate: 1-Chlorooctane | 50.9 | | mg/kg | 50.0 | | 102 | 48.2-134 | | | |
| Surrogate: 1-Chlorooctadecane | 49.1 | | mg/kg | 50.0 | | 98.2 | 49.1-148 | | | |

LCS (4030857-BS1)

Prepared: 08-Mar-24 Analyzed: 11-Mar-24

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|--|--|--|
| GRO C6-C10 | 195 | 10.0 | mg/kg | 200 | | 97.7 | 66.4-123 | | | |
| DRO >C10-C28 | 207 | 10.0 | mg/kg | 200 | | 103 | 66.5-118 | | | |
| Total TPH C6-C28 | 402 | 10.0 | mg/kg | 400 | | 101 | 77.6-123 | | | |
| Surrogate: 1-Chlorooctane | 53.6 | | mg/kg | 50.0 | | 107 | 48.2-134 | | | |
| Surrogate: 1-Chlorooctadecane | 51.4 | | mg/kg | 50.0 | | 103 | 49.1-148 | | | |

LCS Dup (4030857-BSD1)

Prepared: 08-Mar-24 Analyzed: 11-Mar-24

| | | | | | | | | | | |
|-------------------------------|------|------|-------|------|--|------|----------|------|------|--|
| GRO C6-C10 | 191 | 10.0 | mg/kg | 200 | | 95.4 | 66.4-123 | 2.40 | 17.7 | |
| DRO >C10-C28 | 199 | 10.0 | mg/kg | 200 | | 99.4 | 66.5-118 | 3.88 | 21 | |
| Total TPH C6-C28 | 390 | 10.0 | mg/kg | 400 | | 97.4 | 77.6-123 | 3.16 | 18.5 | |
| Surrogate: 1-Chlorooctane | 54.2 | | mg/kg | 50.0 | | 108 | 48.2-134 | | | |
| Surrogate: 1-Chlorooctadecane | 51.1 | | mg/kg | 50.0 | | 102 | 49.1-148 | | | |

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | | | | | | | | | | | |
|--|--|----------------|--|---|--|--|--|--|--|--|--|--|--|
| Company Name: NTOK | | BILL TO | | ANALYSIS REQUEST | | | | | | | | | |
| Project Manager: Ethan Sessions | | P.O. #: | | <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TP1</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> </div> | | | | | | | | | |
| Address: 209 W McLean | | Company: | | | | | | | | | | | |
| City: Carlsbad State: Nm Zip: 88220 | | Attn: | | | | | | | | | | | |
| Phone #: 436-924-8096 Fax #: | | Address: | | | | | | | | | | | |
| Project #: | | City: | | | | | | | | | | | |
| Project Name: Horned Viper | | State: Zip: | | | | | | | | | | | |
| Project Location: Lea County | | Phone #: | | | | | | | | | | | |
| Sampler Name: Gloria Ambly | | Fax #: | | | | | | | | | | | |

| FOR LAB USE ONLY | | MATRIX | | PRESERV. | | SAMPLING | | | | | | | | |
|------------------|-------------|-------------------|--------------|-------------|------------|----------|-----|--------|-------|-----------|------------|-------|------|-------|
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | GROUNDWATER | WASTEWATER | SOIL | OIL | SLUDGE | OTHER | ACID/BASE | ICE / COOL | OTHER | DATE | TIME |
| H241191 | | | | | | | | | | | | | | |
| 1 | TP1 1-1.5' | 6 | 1 | | | X | | | | | | | 3-8 | 10:00 |
| 2 | TP1 1-1.5' | | | | | | | | | | | | | |
| 3 | TP2 1-1.5' | | | | | | | | | | | | | |
| 4 | TP2 1-1.5' | | | | | | | | | | | | | |
| 5 | TP3 1-1.5' | | | | | | | | | | | | | |
| 6 | TP3 1-1.5' | | | | | | | | | | | | | |
| * 7 | TP4 1-1.5' | | | | | | | | | | | | | |

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| | | | | |
|------------------------------|------------------------------|---|---|--|
| Relinquished By: | Date: 3-8 | Received By: | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | Add'l Phone #: |
| | Time: 1:00 | | All Results are emailed. Please provide Email address: | |
| Relinquished By: | Date: | Received By: | REMARKS: * Customer requested Sample ID changes to 3/14/24 | |
| | Time: | | | |
| Delivered By: (Circle One) | Observed Temp. °C 3.5 | Sample Condition | CHECKED BY: | Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> |
| Sampler - UPS - Bus - Other: | Corrected Temp. °C | <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No | | Bacteria (only) Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No |
| FORM 000 R 3-4 07/11/23 | | Thermometer ID #140 Correction Factor 0°C | | |

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 12, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: HORNED VIPER

Enclosed are the results of analyses for samples received by the laboratory on 04/10/24 15:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: D -1 (H241868-01)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.13 | 106 | 2.00 | 2.97 | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.06 | 103 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.01 | 100 | 2.00 | 2.37 | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 5.87 | 97.9 | 6.00 | 2.10 | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 624 | 16.0 | 04/11/2024 | ND | 432 | 108 | 400 | 0.00 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 211 | 105 | 200 | 0.904 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 204 | 102 | 200 | 5.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: D - 2 (H241868-02)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.13 | 106 | 2.00 | 2.97 | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.06 | 103 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.01 | 100 | 2.00 | 2.37 | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 5.87 | 97.9 | 6.00 | 2.10 | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 04/11/2024 | ND | 432 | 108 | 400 | 0.00 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 211 | 105 | 200 | 0.904 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 204 | 102 | 200 | 5.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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*=Accredited Analyte

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | |
|---|--|---|--|--|--|---|--|--------------------------|--|--|--|--|--|--|--|--|--|
| Company Name: NTLE Project Manager: Ethan Serrano Address: 209 W McKay City: Carlsbad State: NM Zip: 88020 Phone #: 254-266-5456 Fax #: Project #: 238090 Project Owner: Devon Project Name: Horned Viper Project Location: Lea County Sampler Name: Tyler Kimball | | | | BILL TO P.O. #: 21269527 Company: Attn: Address: City: State: Zip: Phone #: Fax #: | | ANALYSIS REQUEST | | | | | | | | | | | |
| FOR LAB USE ONLY Lab I.D. H241868 Sample I.D. D-1 D-2 | | MATRIX (GRAB OR (C)OMP. # CONTAINERS) GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: | | PRESERV. ACID/BASE: ICE / COOL OTHER: | | SAMPLING DATE 4-10 TIME 9:00 1 | | BLT Chlorides BTEX | | | | | | | | | |

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based on any of the above stated reasons or otherwise.

| | | | | | | | |
|---|--|---|--|--|--|--|--|
| Relinquished By: [Signature] Relinquished By: | | Date: 4-10-24 Time: 3:50 Date: Time: | | Received By: [Signature] Received By: | | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address: | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | Observed Temp. °C 2-12 Corrected Temp. °C | | Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No | | CHECKED BY: (Initials) SR Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> Thermometer ID #140 48 HR Correction Factor 0°C | |
| | | | | Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> No <input type="checkbox"/> No | | Observed Temp. °C Corrected Temp. °C | |

FORM 000-R 3-4-07/11/23

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 12, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: HORNED VIPER

Enclosed are the results of analyses for samples received by the laboratory on 04/10/24 15:31.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

| | | | |
|-------------------|--------------------|---------------------|------------------|
| Received: | 04/10/2024 | Sampling Date: | 04/10/2024 |
| Reported: | 04/12/2024 | Sampling Type: | Soil |
| Project Name: | HORNED VIPER | Sampling Condition: | Cool & Intact |
| Project Number: | NOT GIVEN | Sample Received By: | Shalyn Rodriguez |
| Project Location: | DEVON - LEA CO, NM | | |

Sample ID: CS - 1 (H241869-01)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.13 | 106 | 2.00 | 2.97 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.06 | 103 | 2.00 | 2.83 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.01 | 100 | 2.00 | 2.37 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 5.87 | 97.9 | 6.00 | 2.10 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 2 (H241869-02)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.13 | 106 | 2.00 | 2.97 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.06 | 103 | 2.00 | 2.83 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.01 | 100 | 2.00 | 2.37 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 5.87 | 97.9 | 6.00 | 2.10 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 592 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 3 (H241869-03)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.13 | 106 | 2.00 | 2.97 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.06 | 103 | 2.00 | 2.83 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.01 | 100 | 2.00 | 2.37 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 5.87 | 97.9 | 6.00 | 2.10 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 304 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 4 (H241869-04)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.13 | 106 | 2.00 | 2.97 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.06 | 103 | 2.00 | 2.83 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.01 | 100 | 2.00 | 2.37 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 5.87 | 97.9 | 6.00 | 2.10 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 128 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | 31.6 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 5 (H241869-05)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.13 | 106 | 2.00 | 2.97 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.06 | 103 | 2.00 | 2.83 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.01 | 100 | 2.00 | 2.37 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 5.87 | 97.9 | 6.00 | 2.10 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 6 (H241869-06)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.13 | 106 | 2.00 | 2.97 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.06 | 103 | 2.00 | 2.83 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.01 | 100 | 2.00 | 2.37 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 5.87 | 97.9 | 6.00 | 2.10 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 89.8 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: CS - 7 (H241869-07)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.13 | 106 | 2.00 | 2.97 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.06 | 103 | 2.00 | 2.83 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.01 | 100 | 2.00 | 2.37 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 5.87 | 97.9 | 6.00 | 2.10 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 160 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | 23.1 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.0 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 1 (H241869-08)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.13 | 106 | 2.00 | 2.97 | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.06 | 103 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.01 | 100 | 2.00 | 2.37 | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 5.87 | 97.9 | 6.00 | 2.10 | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 2 (H241869-09)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.13 | 106 | 2.00 | 2.97 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.06 | 103 | 2.00 | 2.83 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.01 | 100 | 2.00 | 2.37 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 5.87 | 97.9 | 6.00 | 2.10 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 224 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 3 (H241869-10)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.13 | 106 | 2.00 | 2.97 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.06 | 103 | 2.00 | 2.83 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.01 | 100 | 2.00 | 2.37 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 5.87 | 97.9 | 6.00 | 2.10 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 32.0 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 4 (H241869-11)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.13 | 106 | 2.00 | 2.97 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.06 | 103 | 2.00 | 2.83 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.01 | 100 | 2.00 | 2.37 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 5.87 | 97.9 | 6.00 | 2.10 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 512 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 5 (H241869-12)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.13 | 106 | 2.00 | 2.97 | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.06 | 103 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.01 | 100 | 2.00 | 2.37 | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 5.87 | 97.9 | 6.00 | 2.10 | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 496 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 6 (H241869-13)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.13 | 106 | 2.00 | 2.97 | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.06 | 103 | 2.00 | 2.83 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.01 | 100 | 2.00 | 2.37 | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 5.87 | 97.9 | 6.00 | 2.10 | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 7 (H241869-14)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.13 | 106 | 2.00 | 2.97 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.06 | 103 | 2.00 | 2.83 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.01 | 100 | 2.00 | 2.37 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 5.87 | 97.9 | 6.00 | 2.10 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 8 (H241869-15)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.11 | 105 | 2.00 | 1.85 | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.10 | 105 | 2.00 | 2.60 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.04 | 102 | 2.00 | 3.19 | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 6.19 | 103 | 6.00 | 2.46 | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 32.0 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 9 (H241869-16)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.11 | 105 | 2.00 | 1.85 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.10 | 105 | 2.00 | 2.60 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.04 | 102 | 2.00 | 3.19 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 6.19 | 103 | 6.00 | 2.46 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 10 (H241869-17)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.11 | 105 | 2.00 | 1.85 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.10 | 105 | 2.00 | 2.60 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.04 | 102 | 2.00 | 3.19 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 6.19 | 103 | 6.00 | 2.46 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 11 (H241869-18)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.11 | 105 | 2.00 | 1.85 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.10 | 105 | 2.00 | 2.60 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.04 | 102 | 2.00 | 3.19 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 6.19 | 103 | 6.00 | 2.46 | | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 848 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 12 (H241869-19)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.11 | 105 | 2.00 | 1.85 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.10 | 105 | 2.00 | 2.60 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.04 | 102 | 2.00 | 3.19 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 6.19 | 103 | 6.00 | 2.46 | | |
| Total BTX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 320 | 16.0 | 04/11/2024 | ND | 416 | 104 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | 62.2 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | 13.4 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.8 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 13 (H241869-20)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.11 | 105 | 2.00 | 1.85 | | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.10 | 105 | 2.00 | 2.60 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.04 | 102 | 2.00 | 3.19 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 6.19 | 103 | 6.00 | 2.46 | | |
| Total BTEx | <0.300 | 0.300 | 04/11/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 112 | 16.0 | 04/11/2024 | ND | 432 | 108 | 400 | 3.64 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 195 | 97.4 | 200 | 0.986 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 192 | 96.2 | 200 | 1.51 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.3 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 14 (H241869-21)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.11 | 105 | 2.00 | 1.85 | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.10 | 105 | 2.00 | 2.60 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.04 | 102 | 2.00 | 3.19 | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 6.19 | 103 | 6.00 | 2.46 | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 04/11/2024 | ND | 432 | 108 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 208 | 104 | 200 | 4.35 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 217 | 109 | 200 | 0.920 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/10/2024
 Reported: 04/12/2024
 Project Name: HORNED VIPER
 Project Number: NOT GIVEN
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW - 15 (H241869-22)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.11 | 105 | 2.00 | 1.85 | |
| Toluene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.10 | 105 | 2.00 | 2.60 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/11/2024 | ND | 2.04 | 102 | 2.00 | 3.19 | |
| Total Xylenes* | <0.150 | 0.150 | 04/11/2024 | ND | 6.19 | 103 | 6.00 | 2.46 | |
| Total BTEX | <0.300 | 0.300 | 04/11/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 04/11/2024 | ND | 432 | 108 | 400 | 3.64 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/11/2024 | ND | 208 | 104 | 200 | 4.35 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/11/2024 | ND | 217 | 109 | 200 | 0.920 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/11/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Mike Snyder".

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



Page 1 of 3

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 25 of 27

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

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|---|--|--|--|--|--|--------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Company Name: NT6E Project Manager: Ethan Serrano Address: 209 W McWay City: Carlsbad State: NM Zip: 88220 Phone #: 254-266-5456 Fax #: Project #: 238090 Project Owner: Devon Project Name: Horned Viper Project Location: Lea County Sampler Name: Tyler Umbrell | | | | BILL TO P.O. #: 21269527 Company: Attn: Address: City: State: Zip: Phone #: Fax #: | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY Lab I.D. H241869 1-ANTHONY 2-ANTHONY 3-ANTHONY | | Sample I.D. CS-1 CS-2 CS-3 CS-4 CS-5 CS-6 CS-7 SW-1 SW-2 SW-3 | | MATRIX GROUNDWATER WASTEWATER SOIL <input checked="" type="checkbox"/> OIL SLUDGE OTHER | | PRESERV. ACID/BASE ICE / COOL OTHER | | SAMPLING DATE 4-10 TIME 9:00 | | PLT Chlorides BTEX | | | | | | | | | | | | | |
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| Relinquished By: [Signature] Date: 4-10-24 Received By: [Signature] Time: 3:31 Received By: Date: Received By: Time: | | | | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS: Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> Thermometer ID #140 Correction Factor 0°C 48-HR Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C | | | | | | | | | | | | | | | | | | | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: | | | | Observed Temp. °C 21.2 Corrected Temp. °C | | Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No | | CHECKED BY: (Initials) SK | | | | | | | | | | | | | | | |

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Laboratories




Page 7 of 3

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]

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| | | | | | | | |
|--|--|------------------------|--|---|--|---|--|
| Relinquished By:  | | Date: 4-10-29 | | Received By:  | | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: | |
| | | Time: 3:30 | | | | All Results are emailed. Please provide Email address: | |
| Relinquished By: | | Date: | | Received By: | | REMARKS: | |
| | | Time: | | | | | |
| Delivered By: (Circle One) | | Observed Temp. °C: 2.1 | | Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No | | CHECKED BY: (Initials)  | |
| Sampler - UPS - Bus - Other: | | Corrected Temp. °C: | | Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> | | Bacteria (only) Sample Condition: Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No | |
| | | | | Thermometer ID #140 Correction Factor 0% | | Observed Temp. °C: 48.4 Corrected Temp. °C: | |

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Page 3 of 3

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

| | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|---|--|---|--|--|--|---|--|--|--|--|--|--|--|--|--|
| Company Name: <u>NTOE</u> Project Manager: <u>Ethan Serrano</u> Address: <u>209 W McWay</u> City: <u>Carrizosa</u> State: <u>NM</u> Zip: <u>88020</u> Phone #: <u>254-266-5456</u> Fax #: <u></u> Project #: <u>238090</u> Project Owner: <u>Devon</u> Project Name: <u>Horned Viper</u> Project Location: <u>Lea County</u> Sampler Name: <u>Gilbert Kimball</u> | | | | BILL TO P.O. #: <u>21269527</u> Company: <u></u> Attn: <u></u> Address: <u></u> City: <u></u> Zip: <u></u> State: <u></u> Zip: <u></u> Phone #: <u></u> Fax #: <u></u> | | ANALYSIS REQUEST | | | | | | | | | | | | | |
| FOR LAB USE ONLY Lab I.D. <u>H2418109</u> <u>21</u> <u>02</u> | | Sample I.D. <u>SW-14</u> <u>SW-15</u> | | MATRIX GROUNDWATER WASTEWATER OIL SLUDGE OTHER X X X | | PRESERV. ACID/BASE ICE / COOL OTHER X | | SAMPLING DATE <u>4/10</u> TIME <u>9:30</u> <u>1</u> <u>1</u> | | <u>PLH</u> <u>Chlorides</u> <u>BTEX</u> | | | | | | | | | |

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| | | | | | |
|--|--|---|--|--|--|
| Relinquished By: <u>[Signature]</u> Date: <u>4-10-24</u> Time: <u>3:30</u> | | Received By: <u>[Signature]</u> Date: <u></u> Time: <u></u> | | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: <u></u> All Results are emailed. Please provide Email address: <u></u> | |
| Relinquished By: <u></u> Date: <u></u> Time: <u></u> | | Received By: <u></u> Date: <u></u> Time: <u></u> | | REMARKS: <u></u> | |
| Delivered By: (Circle One) Sampler - UPS - Bus - Other: <u></u> | | Observed Temp. °C <u>21.2</u> Corrected Temp. °C <u></u> | | Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| CHECKED BY: <u>[Signature]</u> Turnaround Time: <u>Standard</u> <input type="checkbox"/> <u>Rush</u> <input type="checkbox"/> | | Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No | | Thermometer ID #140 Correction Factor 0°C <u>48 Hz</u> | |

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

April 16, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: HORNED VIPER 20 FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 04/15/24 12:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/15/2024
 Reported: 04/16/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: D - 1 1-1.5' (H241965-01)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 04/15/2024 | ND | 2.29 | 114 | 2.00 | 1.75 | |
| Toluene* | <0.050 | 0.050 | 04/15/2024 | ND | 2.20 | 110 | 2.00 | 1.74 | |
| Ethylbenzene* | <0.050 | 0.050 | 04/15/2024 | ND | 2.13 | 107 | 2.00 | 1.77 | |
| Total Xylenes* | <0.150 | 0.150 | 04/15/2024 | ND | 6.26 | 104 | 6.00 | 2.04 | |
| Total BTX | <0.300 | 0.300 | 04/15/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 336 | 16.0 | 04/16/2024 | ND | 464 | 116 | 400 | 7.14 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/16/2024 | ND | 192 | 96.1 | 200 | 0.121 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/16/2024 | ND | 189 | 94.4 | 200 | 6.17 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/16/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/15/2024
 Reported: 04/16/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 04/15/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: D - 1 2-2.5' (H241965-02)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 04/15/2024 | ND | 2.29 | 114 | 2.00 | 1.75 | | |
| Toluene* | <0.050 | 0.050 | 04/15/2024 | ND | 2.20 | 110 | 2.00 | 1.74 | | |
| Ethylbenzene* | <0.050 | 0.050 | 04/15/2024 | ND | 2.13 | 107 | 2.00 | 1.77 | | |
| Total Xylenes* | <0.150 | 0.150 | 04/15/2024 | ND | 6.26 | 104 | 6.00 | 2.04 | | |
| Total BTEX | <0.300 | 0.300 | 04/15/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 88.4 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 04/16/2024 | ND | 464 | 116 | 400 | 7.14 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 04/16/2024 | ND | 192 | 96.1 | 200 | 0.121 | |
| DRO >C10-C28* | <10.0 | 10.0 | 04/16/2024 | ND | 189 | 94.4 | 200 | 6.17 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 04/16/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-------------------|--|-------------------------|--|--------------|--|--|--|--|-------------------------------------|--|----------|--|-------------|--|--------------|--|----------|--|----------|--|----------|--|
| Company Name: NIGE | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | |
| Project Manager: Ethan Sessions | | | | P.O. #: 21269527 | | | | | | | | | | | | | | | | | | | | |
| Address: 209 W McKay St | | | | Company: Pevon | | | | | | | | | | | | | | | | | | | | |
| City: Carlsbad NM State: NM Zip: 88220 | | | | Attn: | | | | | | | | | | | | | | | | | | | | |
| Phone #: _____ Fax #: _____ | | | | Address: | | | | | | | | | | | | | | | | | | | | |
| Project #: 738090 Project Owner: | | | | City: | | | | | | | | | | | | | | | | | | | | |
| Project Name: Horned Viper 20 Fed Com 1H | | | | State: _____ Zip: _____ | | | | | | | | | | | | | | | | | | | | |
| Project Location: Lea County NM | | | | Phone #: _____ | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Clayton Thomas | | | | Fax #: _____ | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | |
| Lab I.D. | | Sample I.D. | | (G/RAB OR (C)OMP. | | # CONTAINERS | | MATRIX | | | PRESERV. | | SAMPLING | | DATE | | TIME | | BTX | | TPH | | Chloride | |
| | | | | | | | | GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: | | | ACID/BASE: ICE / COOL OTHER: | | | | | | | | | | | | | |
| H241965 | | D-1 1-1.5' | | G | | 1 | | | | | <input checked="" type="checkbox"/> | | | | 4/15 | | 10:30 | | ↓ | | ↓ | | ↓ | |
| 2 | | D-1 2-2.5' | | G | | 1 | | ↓ | | | | | | | ↓ | | 10:35 | | | | | | | |

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| | | | | | | |
|------------------------------|--|------------------------------|---|--|---|---|
| Relinquished By: | | Date: 4/15/24 | Received By: | | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: | |
| Time: 12:42 | | Time: _____ | | All Results are emailed. Please provide Email address: | | |
| Relinquished By: _____ | | Date: _____ | Received By: _____ | | REMARKS: | |
| Time: _____ | | | | | | |
| Delivered By: (Circle One) | | Observed Temp. °C 0.5 | Sample Condition | | CHECKED BY: (Initials) TO | |
| Sampler - UPS - Bus - Other: | | Corrected Temp. °C | Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> | | Turnaround Time: Standard <input type="checkbox"/> Rush <input checked="" type="checkbox"/> | |
| FORM-000 R 3.4 07/11/23 | | | | Thermometer ID #140 Correction Factor 0°C | | Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C Yes <input type="checkbox"/> No <input type="checkbox"/> |
| | | | | 24hr | | Corrected Temp. °C |

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 07, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: HORNED VIPER 20 FED COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 05/01/24 12:42.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

| | |
|------------------|------------------------------|
| Method EPA 552.2 | Haloacetic Acids (HAA-5) |
| Method EPA 524.2 | Total Trihalomethanes (TTHM) |
| Method EPA 524.4 | Regulated VOCs (V1, V2, V3) |

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

NTG ENVIRONMENTAL
 ETHAN SESSUMS
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/01/2024
 Reported: 05/07/2024
 Project Name: HORNED VIPER 20 FED COM 1H
 Project Number: 238090
 Project Location: DEVON - LEA CO, NM

Sampling Date: 05/01/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DS - 3 (H242333-01)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 05/03/2024 | ND | 2.08 | 104 | 2.00 | 1.45 | |
| Toluene* | <0.050 | 0.050 | 05/03/2024 | ND | 2.03 | 101 | 2.00 | 1.95 | |
| Ethylbenzene* | <0.050 | 0.050 | 05/03/2024 | ND | 1.98 | 99.2 | 2.00 | 1.81 | |
| Total Xylenes* | <0.150 | 0.150 | 05/03/2024 | ND | 5.82 | 96.9 | 6.00 | 1.64 | |
| Total BTEX | <0.300 | 0.300 | 05/03/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 16.0 | 16.0 | 05/04/2024 | ND | 416 | 104 | 400 | 7.41 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 05/03/2024 | ND | 209 | 104 | 200 | 3.73 | |
| DRO >C10-C28* | <10.0 | 10.0 | 05/03/2024 | ND | 202 | 101 | 200 | 6.89 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 05/03/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

| | |
|-----|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report |

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------|--|-------------------------|--|-------------------|--|-------------------------|--|----------|--|----------|--|----------|--|------------|--|--------------|--|----------|--|----------|--|----------|--|
| Company Name: NTGE | | | | BILL TO | | | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | |
| Project Manager: Ethan Sessums | | | | P.O. #: 21269527 | | | | | | | | | | | | | | | | | | | | | |
| Address: 209 W McKay St | | | | Company: Devon | | | | | | | | | | | | | | | | | | | | | |
| City: Carlsbad State: NM Zip: 88220 | | | | Attn: | | | | | | | | | | | | | | | | | | | | | |
| Phone #: Fax #: | | | | Address: | | | | | | | | | | | | | | | | | | | | | |
| Project #: 238090 Project Owner: | | | | City: | | | | | | | | | | | | | | | | | | | | | |
| Project Name: Horned Viper 20 FedCom 1H | | | | State: Zip: | | | | | | | | | | | | | | | | | | | | | |
| Project Location: Lea Co. | | | | Phone #: | | | | | | | | | | | | | | | | | | | | | |
| Sampler Name: Clayton Tumas | | | | Fax #: | | | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | Lab I.D. | | Sample I.D. | | (G)RAB OR (C)OMP. | | # CONTAINERS | | MATRIX | | PRESERV. | | SAMPLING | | DATE | | TIME | | BTEx | | TPH | | Chloride | |
| | | H24238B | | DS-3 | | G1 | | | | X | | ✓ | | | | 5/1 | | 11:00 | | X | | X | | X | |

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| | | | | | | |
|------------------------------|--|--|---|--|--|--|
| Relinquished By: | | Date: 5/1 | Received By: | | Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: | |
| Time: 12:42 | | Time: 12:42 | | All Results are emailed. Please provide Email address: | | |
| Relinquished By: | | Date: | Received By: | | REMARKS: | |
| Time: | | | | | | |
| Delivered By: (Circle One) | | Observed Temp. °C | Sample Condition | | CHECKED BY: (Initials) | |
| Sampler - UPS - Bus - Other: | | Corrected Temp. °C | Cool Intact | | AK | |
| | | | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| | | | <input type="checkbox"/> No <input type="checkbox"/> No | | | |
| Turnaround Time: | | Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> | Bacteria (only) Sample Condition | | Cool Intact Observed Temp. °C | |
| Thermometer ID #140 | | | <input type="checkbox"/> Yes <input type="checkbox"/> No | | <input type="checkbox"/> Yes <input type="checkbox"/> No | |
| Correction Factor 0°C | | | <input type="checkbox"/> No <input type="checkbox"/> No | | Corrected Temp. °C | |

FORM 000 R 3.4 07/11/23

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

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

QUESTIONS

Action 355790

QUESTIONS

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 355790 |
| | Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral) |

QUESTIONS

| | |
|----------------------|---|
| Prerequisites | |
| Incident ID (n#) | nAPP2335425467 |
| Incident Name | NAPP2335425467 HORNED VIPER 20 FEDERAL COM #001H @ 30-025-41913 |
| Incident Type | Oil Release |
| Incident Status | Deferral Request Received |
| Incident Well | [30-025-41913] HORNED VIPER 20 FEDERAL COM #001H |

| | |
|---|-----------------------------------|
| Location of Release Source | |
| <i>Please answer all the questions in this group.</i> | |
| Site Name | HORNED VIPER 20 FEDERAL COM #001H |
| Date Release Discovered | 12/19/2023 |
| Surface Owner | Private |

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

| | |
|---|---|
| Nature and Volume of Release | |
| <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i> | |
| Crude Oil Released (bbls) Details | Cause: Equipment Failure Separator Crude Oil Released: 7 BBL Recovered: 6 BBL Lost: 1 BBL. |
| Produced Water Released (bbls) Details | Not answered. |
| Is the concentration of chloride in the produced water >10,000 mg/l | No |
| Condensate Released (bbls) Details | Not answered. |
| Natural Gas Vented (Mcf) Details | Not answered. |
| Natural Gas Flared (Mcf) Details | Not answered. |
| Other Released Details | Not answered. |
| Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts) | Nipple on sight glass broke on 3phase. Shut in well, depressurized the 3 phase, repaired broken nipple. 6.5 bbls oil spilled. 6 bbls recovered. spill was not in containment, but on the pad. all fluids stayed on the pad. |

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

QUESTIONS, Page 2

Action 355790

QUESTIONS (continued)

| | | |
|---|----------------|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: | 6137 |
| | Action Number: | 355790 |
| | Action Type: | [C-141] Deferral Request C-141 (C-141-v-Deferral) |
| | | |

QUESTIONS

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

Initial Response

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

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

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

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

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmv.com Date: 06/19/2024 |
|--|--|

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Energy, Minerals and Natural Resources
Oil Conservation Division
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QUESTIONS, Page 3

Action 355790

QUESTIONS (continued)

| | | |
|---|----------------|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: | 6137 |
| | Action Number: | 355790 |
| | Action Type: | [C-141] Deferral Request C-141 (C-141-v-Deferral) |
| | | |

QUESTIONS**Site Characterization**

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

| | |
|--|--------------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) |
| What method was used to determine the depth to ground water | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Greater than 5 (mi.) |
| Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark) | Greater than 5 (mi.) |
| An occupied permanent residence, school, hospital, institution, or church | Greater than 5 (mi.) |
| A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes | Between 1 and 5 (mi.) |
| Any other fresh water well or spring | Between 1 and 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Greater than 5 (mi.) |
| A subsurface mine | Greater than 5 (mi.) |
| An (non-karst) unstable area | Between 1 and 5 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Low |
| A 100-year floodplain | Greater than 5 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

Remediation Plan

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

| | |
|---|------|
| Requesting a remediation plan approval with this submission | Yes |
| Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. | |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |
| Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.) | |
| Chloride (EPA 300.0 or SM4500 Cl B) | 6720 |
| TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M) | 1100 |
| GRO+DRO (EPA SW-846 Method 8015M) | 912 |
| BTEX (EPA SW-846 Method 8021B or 8260B) | 0 |
| Benzene (EPA SW-846 Method 8021B or 8260B) | 0 |

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

| | |
|---|------------|
| On what estimated date will the remediation commence | 04/01/2024 |
| On what date will (or did) the final sampling or liner inspection occur | 05/01/2024 |
| On what date will (or was) the remediation complete(d) | 05/20/2024 |
| What is the estimated surface area (in square feet) that will be reclaimed | 0 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 0 |
| What is the estimated surface area (in square feet) that will be remediated | 1072 |
| What is the estimated volume (in cubic yards) that will be remediated | 149 |

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

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

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QUESTIONS, Page 4

Action 355790

QUESTIONS (continued)

| | | |
|---|----------------|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: | 6137 |
| | Action Number: | 355790 |
| | Action Type: | [C-141] Deferral Request C-141 (C-141-v-Deferral) |
| | | |

QUESTIONS**Remediation Plan (continued)**

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

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

| | |
|---|------------------------------------|
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | LEA LAND LANDFILL [fEEM0112342028] |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. |
| OR is the off-site disposal site, to be used, an NMED facility | Not answered. |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | Not answered. |
| (In Situ) Soil Vapor Extraction | Not answered. |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | Not answered. |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | Not answered. |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | Not answered. |
| Ground Water Abatement pursuant to 19.15.30 NMAC | Not answered. |
| OTHER (Non-listed remedial process) | Not answered. |

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

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

| | |
|--|--|
| I hereby agree and sign off to the above statement | Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 06/19/2024 |
|--|--|

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

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QUESTIONS, Page 5

Action 355790

QUESTIONS (continued)

| | | |
|---|----------------|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: | 6137 |
| | Action Number: | 355790 |
| | Action Type: | [C-141] Deferral Request C-141 (C-141-v-Deferral) |
| | | |

QUESTIONS**Deferral Requests Only**

Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.

| | |
|--|--|
| Requesting a deferral of the remediation closure due date with the approval of this submission | Yes |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction | Yes |
| Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction | The area is directly under a separator and adjacent to surface flowlines |
| What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted | 700 |
| What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted | 104 |
| Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first. | |
| Enter the facility ID (f#) on which this deferral should be granted | Not answered. |
| Enter the well API (30-) on which this deferral should be granted | 30-025-41913 HORNED VIPER 20 FEDERAL COM #001H |
| Contamination does not cause an imminent risk to human health, the environment, or groundwater | True |
| Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation. | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | |
| I hereby agree and sign off to the above statement | Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 06/19/2024 |

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QUESTIONS, Page 6

Action 355790

QUESTIONS (continued)

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 355790 |
| | Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral) |

QUESTIONS

| | |
|---|------------|
| Sampling Event Information | |
| Last sampling notification (C-141N) recorded | 331031 |
| Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC | 04/10/2024 |
| What was the (estimated) number of samples that were to be gathered | 20 |
| What was the sampling surface area in square feet | 1070 |

| | |
|--|----|
| Remediation Closure Request | |
| Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed. | |
| Requesting a remediation closure approval with this submission | No |

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CONDITIONS

Action 355790

CONDITIONS

| | |
|---|---|
| Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102 | OGRID: 6137 |
| | Action Number: 355790 |
| | Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| nvelez | Deferral is approved. Remediation Due date will be left open until the site has been plugged and abandoned or a major facility deconstruction takes place. | 8/15/2024 |