



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

September 28, 2023

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

**Re: Closure Report  
 Mesa Verde 7 Federal 1, 6 Federal 10  
 Unit G and J, S32, T23S, R32E  
 Site Coordinates: 32.261, -103.694  
 Lea County, New Mexico  
 Incident ID: nTO1506253131**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), NTG Environmental, LLC (NTGE) has prepared this letter to document site assessment activities at the Mesa Verde 7 Federal 1, 6 Federal 10 (Site). The Site is located approximately 32 miles west to northwest of Jal, New Mexico in Lea County (Figures 1 and 2).

**Background**

Based on the initial C-141 (attached) obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on February 17<sup>th</sup>, 2015. The release occurred when a 3” poly line located on the side of the road was struck by a vehicle resulting in the spill. Approximately 20 barrels (bbls) of produced water were released of which, 0 bbls were recovered. Upon discovery, the transfer pumps at the tank batteries were shut-in, and the area secured. The release area is shown in Figure 3.

**Groundwater and Site Characterization**

Based on a review of the New Mexico Office of State Engineers and USGS databases, there is no known water sources within a ½-mile radius of the Site. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the Site is located within a low Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) are provided in Attachment A.

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	Unknown

Mr. Mike Bratcher  
September 28, 2023  
Page 2 of 2

**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)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg

Notes:  
--- = not defined

### **Site Assessment**

On September 14<sup>th</sup>, 2023, NTG Environmental, LLC (NTGE) conducted site assessment activities to assess the extent of impacts at the Site. A total of four (4) vertical sample points (i.e., V-1 through V-4), as well as six (6) horizontal sample points (i.e., H-1 through H-6) were installed within and adjacent to the release area to characterize the spill. Soil samples were collected in 0.5 ft to 1.0 ft depth intervals, ranging from 0 – 4.5 ft bgs. Sample locations from NTGE's assessment activities are shown in Figure 3. The soil samples were submitted to Envirotech Laboratories of Farmington, NM for analysis of Total Petroleum Hydrocarbons by EPA Method 8015B modified, benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8021B, and chlorides by EPA Method 300.0. Analytical results indicated the chlorides, BTEX and TPH concentrations for all the samples were below the NMOCD Table 1 standards.

### **Closing**

Based on the assessment analytical results, the Site is compliant with NMOCD's regulatory limits, and no further actions are required at the site. A copy of the final C- 141 is attached, and Devon formally requests a no further action designation for the Site (nTO1506253131). 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:

- Initial And Final C-141
- Site Characterization Information
- Table
- Figures
- Photographic Log
- Laboratory Reports and Chain-of-Custody

**INITIAL AND FINAL C-141**

---

**RECEIVED**

By OCD; Dr. Oberding at 2:42 pm, Mar 03, 2015

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

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

Form C-141  
Revised August 8, 2011  
Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

**Release Notification and Corrective Action**

**OPERATOR**  Initial Report  Final Report

<b>Name of Company</b> Devon Energy Production	<b>Contact</b> Daniel Suniga
<b>Address</b> 6488 Seven Rivers Hwy Artesia, NM 88220	<b>Telephone No.</b> 575-390-5850
<b>Facility Name</b> Mesa Verde 7 Fed 1, 6 Fed 10	<b>Facility Type</b> Oil

<b>Surface Owner</b> Federal Federal	<b>Mineral Owner</b> Federal Federal	<b>API No.</b> 30-025-32398 and 30-025-32751
---	---	--

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	7	24S	32E	660	North	1980	East	Lea
D	6	24S	32E	430	North	330	West	Lea

**Latitude:** N 32.261 **Longitude:** W -103.694

**NATURE OF RELEASE**

<b>Type of Release Spill</b> Produced Water	<b>Volume of Release</b> 20 bbls	<b>Volume Recovered</b> 0 bbls
<b>Source of Release</b> Poly Flow Line	<b>Date and Hour of Occurrence</b>	<b>Date and Hour of Discovery</b>
<b>Was Immediate Notice Given?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	<b>If YES, To Whom?</b> Jim Amos BLM Thomas Obering OCD	
<b>By Whom?</b> David Simmons	<b>Date and Hour</b> 2/17/2015 @ 10:50 pm and 10:52 pm	
<b>Was a Watercourse Reached?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>If YES, Volume Impacting the Watercourse</b>	

**If a Watercourse was Impacted, Describe Fully.\***

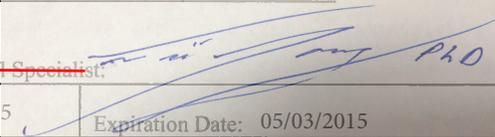
**Describe Cause of Problem and Remedial Action Taken.\***

A 3" poly line that runs next to the road was damaged when an unknown vehicle struck it resulting in a 20 bbl release of produced water. Power to each one of the water transfer pumps at the Mesa Verde 7 Fed 1 and Mesa Verde 6 Fed 10 was shut off to prevent any more pressure or flow building on the line.

**Describe Area Affected and Cleanup Action Taken.\***

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

**OIL CONSERVATION DIVISION**

Signature: <i>Corina Moya</i>	Approved by <del>Environmental Specialist</del> 	
Printed Name: <b>Corina Moya</b>		
Title: <b>Field Admin Support</b>	Approval Date: 03/03/2015	Expiration Date: 05/03/2015
E-mail Address: <b>corina.moya@dvn.com</b>	Conditions of Approval: Site samples required. Delineate and remediate are as per NMOCD guides.	Attached <input type="checkbox"/>
Date: 2/19/2015 Phone: 575.746.5559		LRP-3552 6137

\* Attach Additional Sheets If Necessary

nTO1506253131

pTO1506253292

Incident ID	nTO1506253131
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico  
Oil Conservation Division

Page 4

Incident ID	nTO1506253131
District RP	
Facility ID	
Application ID	

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

Printed Name:    Dale Woodall    Title:    Env. Professional     
 Signature:    Dale Woodall    Date:    10/2/23     
 email:    dale.woodall@div.com    Telephone:    575-748-1838   

**OCD Only**

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

State of New Mexico  
Oil Conservation Division

Page 6

Incident ID	nTO1506253131
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

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

Printed Name:    Dale Woodall    Title:    Env. Professional   

Signature:    Dale Woodall    Date:    10/2/23   

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

**OCD Only**

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

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

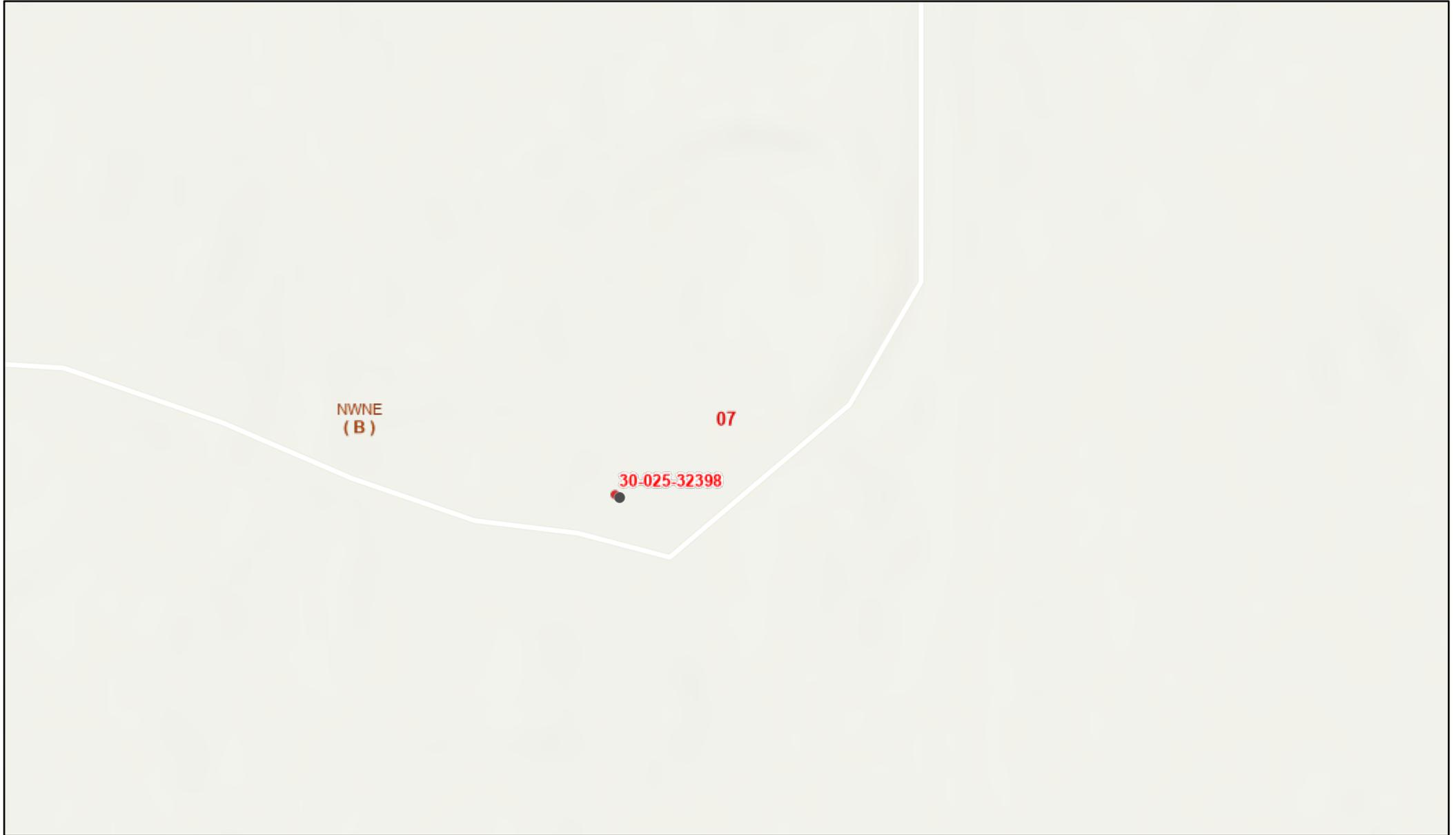
Closure Approved by:    Ashley Maxwell    Date:    10/18/2023   

Printed Name:    Ashley Maxwell    Title:    Environmental Specialist

## **SITE CHARACTERIZATION INFORMATION**

---

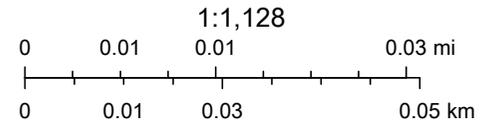
# OCD Well Locations



8/8/2023, 11:01:02 AM

Wells - Large Scale  PLSS Second Division

 Oil, Plugged  PLSS First Division



Oil Conservation Division of the New Mexico Energy, Minerals and Natural Resources Department., Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA,

# OSE POD Locations Map



8/8/2023, 11:13:01 AM

GIS WATERS PODs

● Active

□ OSE District Boundary

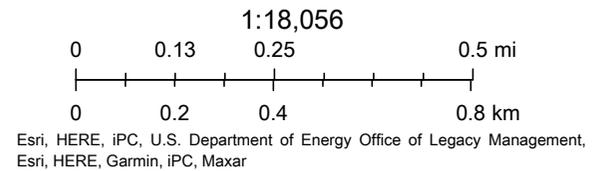
Water Right Regulations

□ Closure Area

New Mexico State Trust Lands

□ Subsurface Estate

▨ Site Boundaries

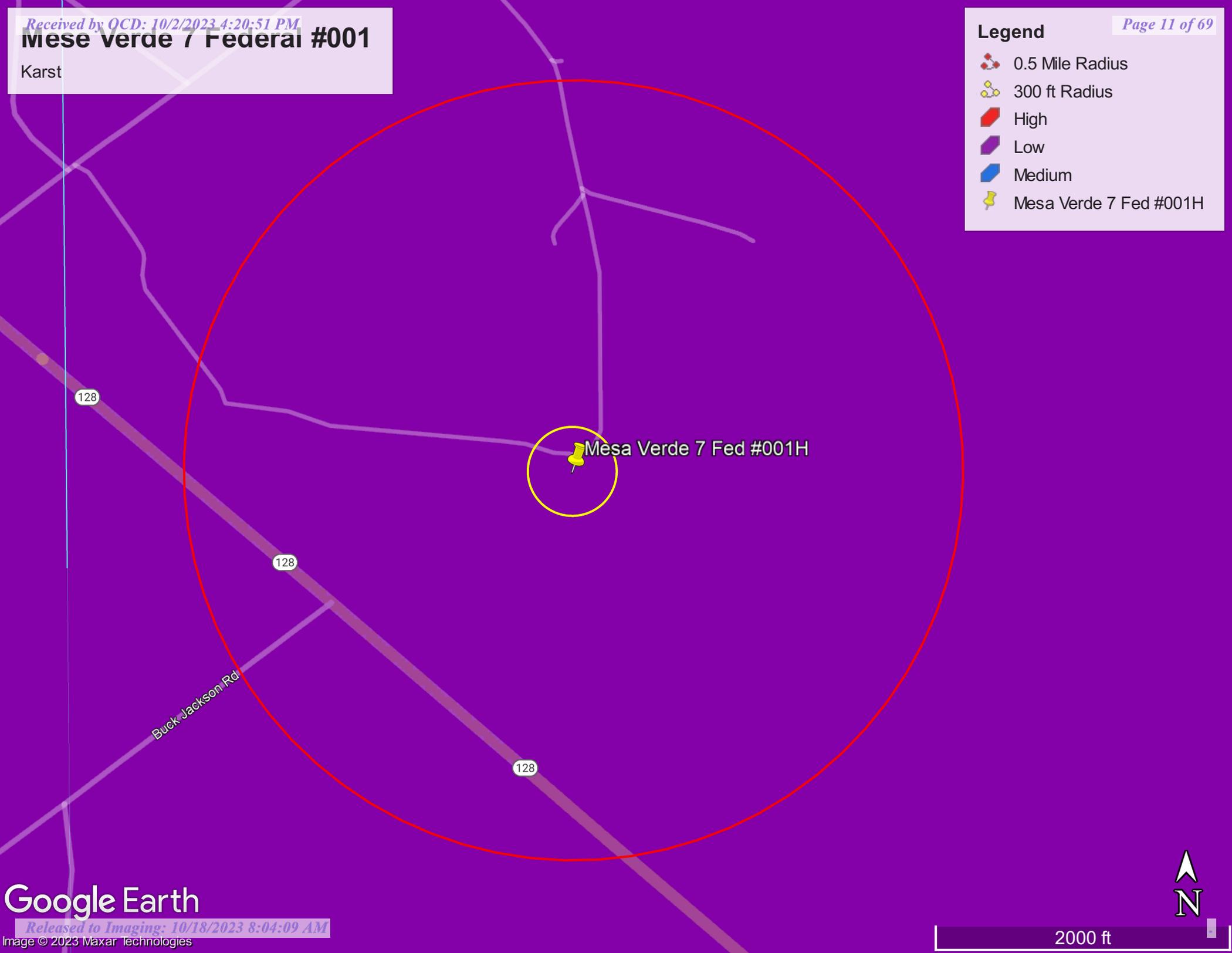


# Mesa Verde 7 Federal #001

Karst

## Legend

-  0.5 Mile Radius
-  300 ft Radius
-  High
-  Low
-  Medium
-  Mesa Verde 7 Fed #001H

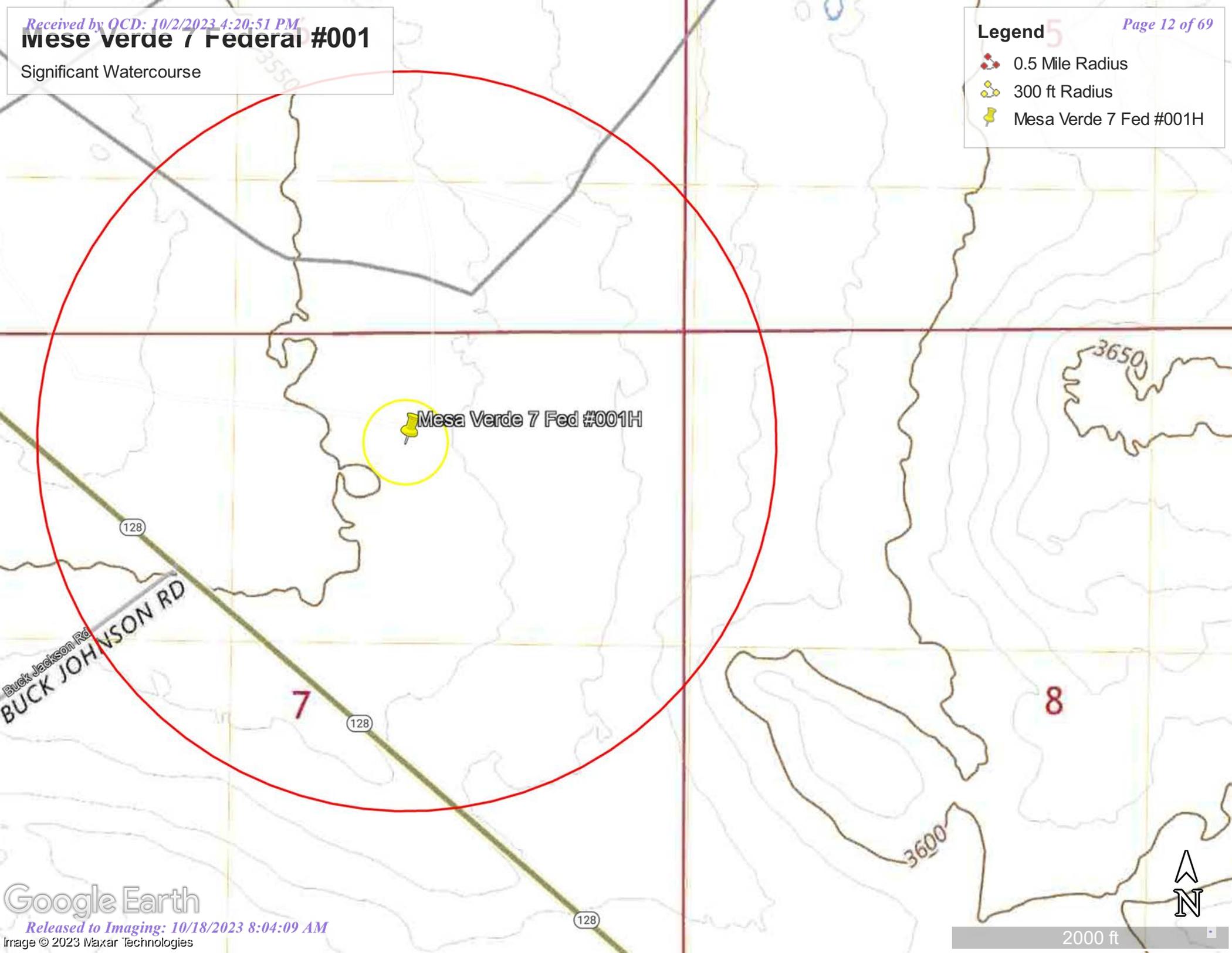


# Mesa Verde 7 Federal #001

Significant Watercourse

## Legend

-  0.5 Mile Radius
-  300 ft Radius
-  Mesa Verde 7 Fed #001H





**U.S. Fish and Wildlife Service**  
**National Wetlands Inventory**

# Mesa Verde 7 Fed. #001



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands\_team@fws.gov

August 8, 2023

**Wetlands**

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

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

-  Lake
-  Other
-  Riverine

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

# National Flood Hazard Layer FIRMMette



103°43'1"W 32°14'30"N



## 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 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
OTHER FEATURES		Profile Baseline
		Hydrographic Feature

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

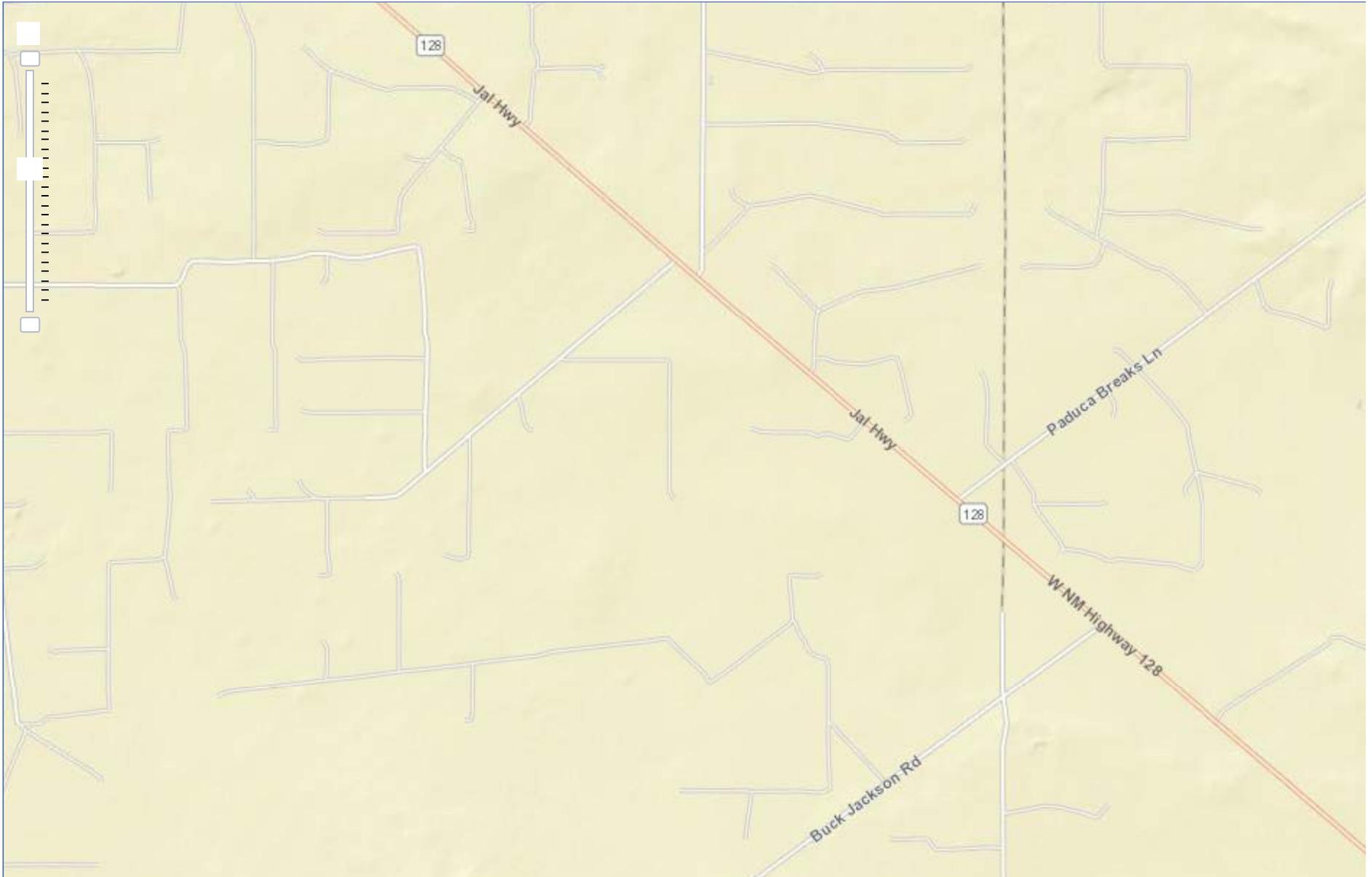
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/8/2023 at 12:11 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by 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.





### National Water Information System: Mapper



**TABLE**

---

**Table 1**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Mesa Verde 7 Federal #001**  
**Devon Energy Production Company**  
**Lea County, New Mexico**

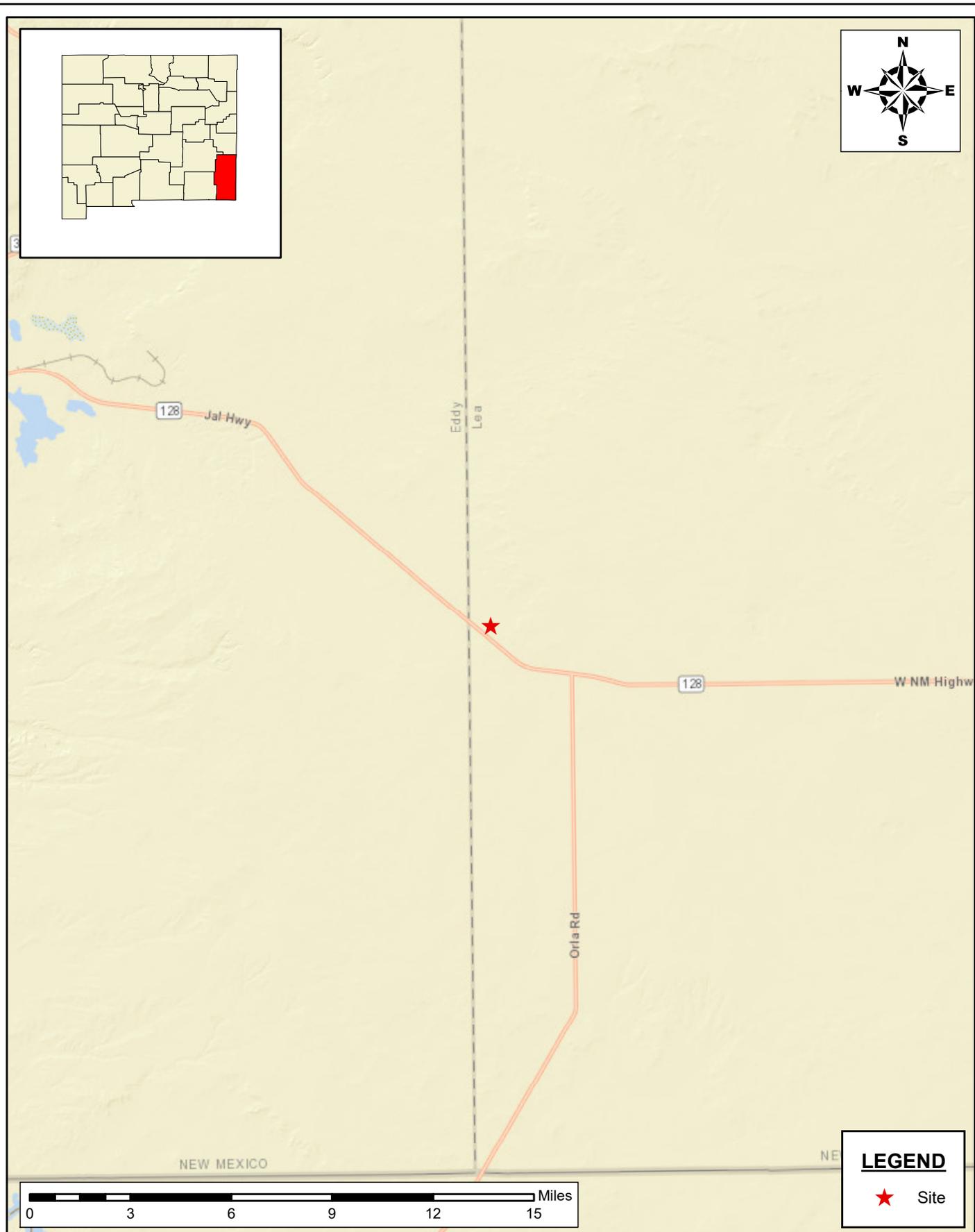
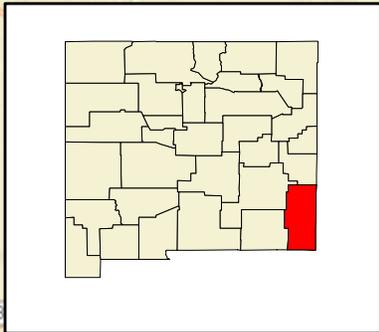
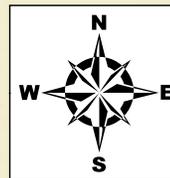
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
								(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
<b>Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC</b>													
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
<b>Vertical Delineation Samples</b>													
V-1	09/14/23	0-0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	09/14/23	1-1.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>29.7</b>
	09/14/23	2-2.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>353</b>
	09/14/23	3-3.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>20.7</b>
	09/14/23	4-4.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>54</b>
V-2	09/14/23	0-0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	09/14/23	1-1.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	09/14/23	2-2.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>59.4</b>
	09/14/23	3-3.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>465</b>
	09/14/23	4-4.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>202</b>
V-3	09/14/23	0-0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>63.4</b>
	09/14/23	1-1.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>44.3</b>
	09/14/23	2-2.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>137</b>
	09/14/23	3-3.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>95.8</b>
	09/14/23	4-4.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>58.1</b>
V-4	09/14/23	0-0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	09/14/23	1-1.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	09/14/23	2-2.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
	09/14/23	3-3.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>20.8</b>
	09/14/23	4-4.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>23.1</b>
<b>Horizontal Delineation Samples</b>													
H-1	09/14/23	0-0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>43.7</b>
H-2	09/14/23	0-0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-3	09/14/23	0-0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-4	09/14/23	0-0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>30.9</b>
H-5	09/14/23	0-0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>71</b>
H-6	09/14/23	0-0.5	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<b>55.4</b>

- 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-4 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**

---



**LEGEND**

★ Site

Document Path: P:\2023 PROJECTS\DEVON\RSO\237701 - Mesa Verde 7 Federal #001\7 - Figures\GIS\Figure\_1\_sl.mxd

**SITE LOCATION MAP  
CLOSURE REPORT**  
 MESA VERDE 7 FEDERAL #001  
 DEVON ENERGY PRODUCTION CORPORATION  
 LEA COUNTY, NEW MEXICO

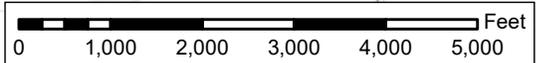
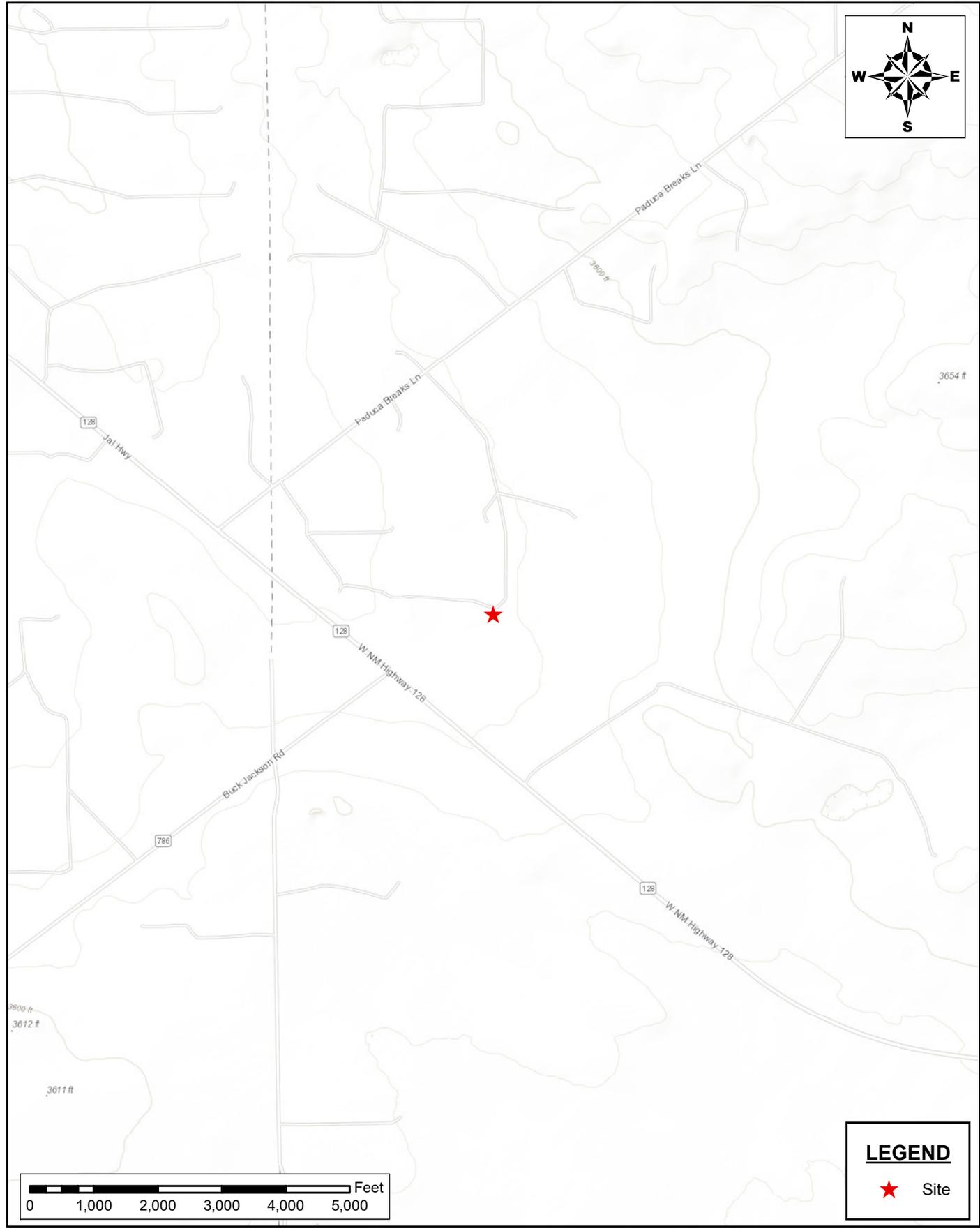
  
**New Tech Global Environmental, LLC**  
 911 Regional Park Drive  
 Houston, Texas 77060  
 T - 281.872.9300  
 F - 281.872.4521  
 Web: www.ntgenvironmental.com

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

DRAWING NUMBER:  
**FIGURE 1**  
 SHEET NUMBER:  
**1 of 1**

SCALE: As Shown    Date: 8/8/2023    PROJECT #: 237701

Document Path: P:\2023 PROJECTS\DEVON\IRSCO\237701 - Mesa Verde 7 Federal #001\17 - Figures\GIS\Figure\_2\_TM.mxd



**LEGEND**

★ Site

**TOPOGRAPHIC MAP  
CLOSURE REPORT**  
 MESA VERDE 7 FEDERAL #001  
 DEVON ENERGY PRODUCTION CORPORATION  
 LEA COUNTY, NEW MEXICO

SCALE: As Shown    Date: 8/8/2023    PROJECT #: 237701

 **NTG**  
 ENVIRONMENTAL

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

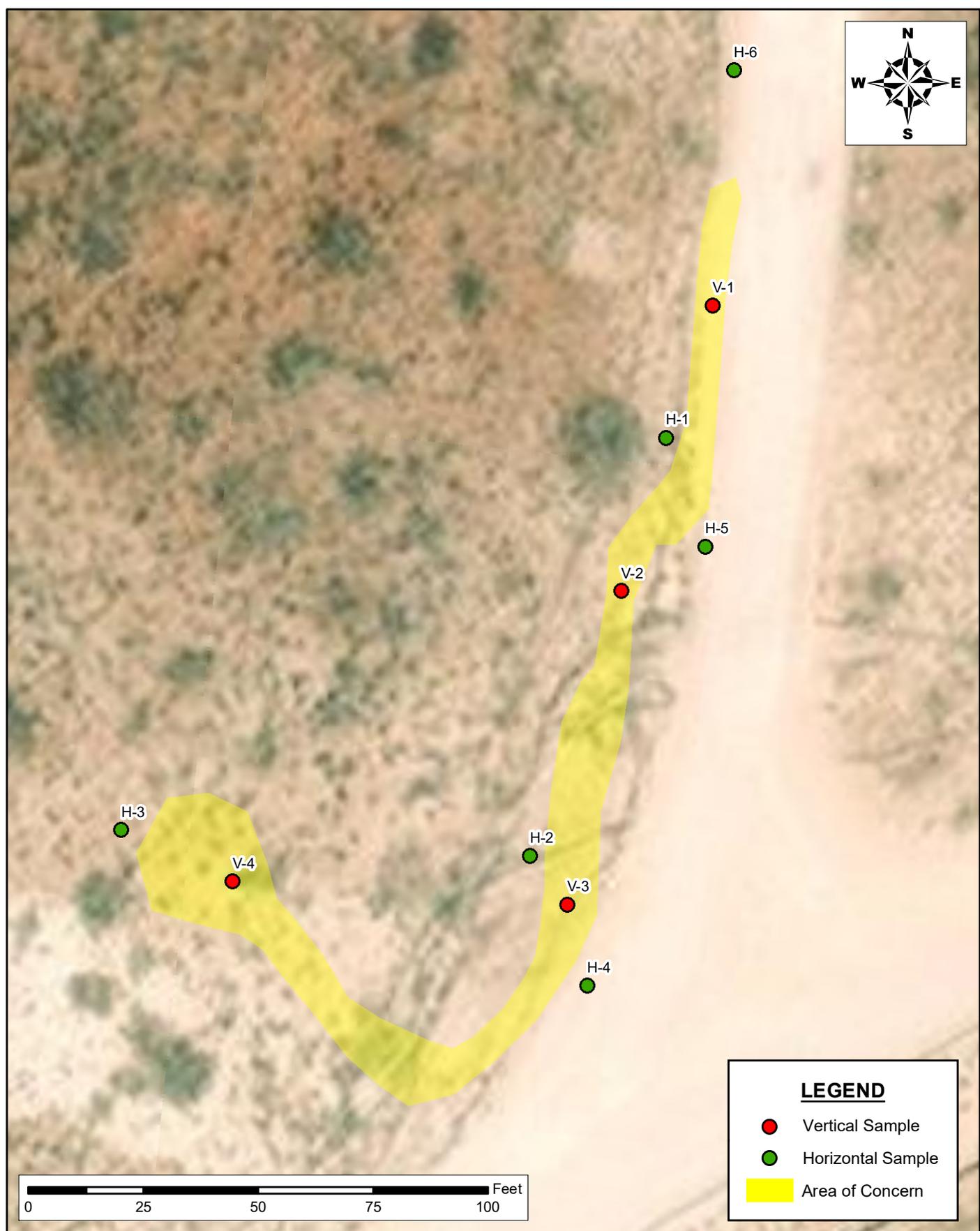
**NOTES:**

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

DRAWING NUMBER:  
**FIGURE 2**

SHEET NUMBER:  
**1 of 1**

Document Path: P:\2023 PROJECTS\DEVON\IRSC\237701 - Mesa Verde 7 Federal #0017 - Figures\GIS\Figure\_3\_Closure Map.mxd



**LEGEND**

- Vertical Sample
- Horizontal Sample
- Area of Concern

**INITIAL SAMPLING MAP  
CLOSURE REPORT**  
 DEVON ENERGY PRODUCTION COMPANY  
 MESA VERDE 7 FEDERAL #001  
 LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN    DATE: 09/27/2023    PROJECT #: 237701

 **NTG ENVIRONMENTAL**  
 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 2017  
 2. Map Projection: NAD 1983

DRAWING NUMBER:  
**FIGURE 3**  
 SHEET NUMBER:  
**1 of 1**

**PHOTOGRAPHIC LOG**

---

# PHOTOGRAPHIC LOG

## Devon Energy Production Company

### Photograph No. 1

**Facility:** Mesa Verde 7 Federal  
6 Federal 10

**County:** Lea County, New Mexico

**Description:**  
View of the assessment.



### Photograph No. 2

**Facility:** Mesa Verde 7 Federal  
6 Federal 10

**County:** Lea County, New Mexico

**Description:**  
View of the release.



### Photograph No. 3

**Facility:** Mesa Verde 7 Federal  
6 Federal 10

**County:** Lea County, New Mexico

**Description:**  
View of the release.



**LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS**

Report to:  
Ethan Sessums



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### NTG-New Tech Global Environmental

Project Name: MESA VERDE 7 FEDERAL #001

Work Order: E309124

Job Number: 01058-0007

Received: 9/18/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
9/22/23

5796 U.S. Hwy 64  
Farmington, NM 87401

Phone: (505) 632-1881  
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.



Date Reported: 9/22/23

Ethan Sessums  
911 Regional Park Dr.  
Houston, TX 77060

Project Name: MESA VERDE 7 FEDERAL #001  
Workorder: E309124  
Date Received: 9/18/2023 8:15:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/18/2023 8:15:00AM, under the Project Name: MESA VERDE 7 FEDERAL #001.

The analytical test results summarized in this report with the Project Name: MESA VERDE 7 FEDERAL #001 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
V-1 0-6"	6
V-1 1-1.5'	7
V-1 2-2.5'	8
V-1 3-3.35'	9
V-1 4-4.5'	10
V-2 0-6"	11
V-2 1-1.5'	12
V-2 2-2.5'	13
V-2 3-3.5'	14
V-2 4-4.5'	15
V-3 0-6"	16
V-3 1-1.5'	17
V-3 2-2.5'	18
V-3 3-3.5'	19
V-3 4-4.5'	20
V-4 0-6"	21
V-4 1-1.5'	22
V-4 2-2.5'	23
V-4 3-3.5'	24
V-4 4-4.5'	25

## Table of Contents (continued)

H-1 0-6"	26
H-2 0-6"	27
H-3 0-6"	28
H-4 0-6"	29
H-5 0-6"	30
H-6 0-6"	31
QC Summary Data	32
QC - Volatile Organics by EPA 8021B	32
QC - Nonhalogenated Organics by EPA 8015D - GRO	34
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	36
QC - Anions by EPA 300.0/9056A	38
Definitions and Notes	40
Chain of Custody etc.	41

## Sample Summary

NTG-New Tech Global Environmental  
911 Regional Park Dr.  
Houston TX, 77060

Project Name: MESA VERDE 7 FEDERAL #001  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
09/22/23 11:57

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-1 0-6"	E309124-01A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-1 1-1.5'	E309124-02A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-1 2-2.5'	E309124-03A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-1 3-3.35'	E309124-04A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-1 4-4.5'	E309124-05A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-2 0-6"	E309124-06A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-2 1-1.5'	E309124-07A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-2 2-2.5'	E309124-08A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-2 3-3.5'	E309124-09A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-2 4-4.5'	E309124-10A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-3 0-6"	E309124-11A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-3 1-1.5'	E309124-12A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-3 2-2.5'	E309124-13A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-3 3-3.5'	E309124-14A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-3 4-4.5'	E309124-15A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-4 0-6"	E309124-16A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-4 1-1.5'	E309124-17A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-4 2-2.5'	E309124-18A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-4 3-3.5'	E309124-19A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
V-4 4-4.5'	E309124-20A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
H-1 0-6"	E309124-21A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
H-2 0-6"	E309124-22A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
H-3 0-6"	E309124-23A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
H-4 0-6"	E309124-24A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
H-5 0-6"	E309124-25A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.
H-6 0-6"	E309124-26A	Soil	09/14/23	09/18/23	Glass Jar, 4 oz.



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

V-1 0-6"

E309124-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.2 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.1 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>		81.5 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: RAS		Batch: 2338044
Chloride	ND	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

**V-1 1-1.5'**

**E309124-02**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.7 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.2 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>						
		80.8 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	29.7	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

V-1 2-2.5'

E309124-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.0 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.9 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>		78.7 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	353	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

**V-1 3-3.35'**

**E309124-04**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.3 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.5 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>						
		82.8 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	20.7	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

**V-1 4-4.5'**

**E309124-05**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.9 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.8 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>		83.1 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	54.0	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

V-2 0-6"

E309124-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		94.9 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.0 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>		77.8 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	ND	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

V-2 1-1.5'

E309124-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.7 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.9 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>		80.2 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	ND	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

V-2 2-2.5'

E309124-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		95.3 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.5 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>		81.7 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	59.4	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

V-2 3-3.5'

E309124-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		96.3 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.8 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>		83.1 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	202	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

V-2 4-4.5'

E309124-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.9 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.9 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>						
		83.1 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	51.6	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

**V-3 0-6"**  
**E309124-11**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		95.5 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.3 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>						
		84.6 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	63.4	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

**V-3 1-1.5'**

**E309124-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.9 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.4 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>						
		83.9 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	44.3	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

V-3 2-2.5'

E309124-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.1 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.3 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>		84.9 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	137	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

V-3 3-3.5'

E309124-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.5 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.7 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>		83.9 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	95.8	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

V-3 4-4.5'

E309124-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.4 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.8 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>		83.0 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	58.1	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

**V-4 0-6"**  
**E309124-16**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.6 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.3 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>		81.7 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	ND	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

V-4 1-1.5'

E309124-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.6 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.2 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>		84.8 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	ND	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

V-4 2-2.5'

E309124-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.3 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.9 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>		82.3 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	ND	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

**V-4 3-3.5'**  
**E309124-19**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		92.9 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.7 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>		82.3 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	20.8	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

**V-4 4-4.5'**  
**E309124-20**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Benzene	ND	0.0250	1	09/18/23	09/20/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/20/23	
Toluene	ND	0.0250	1	09/18/23	09/20/23	
o-Xylene	ND	0.0250	1	09/18/23	09/20/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/20/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/20/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		92.7 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338015
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/20/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.9 %	70-130	09/18/23	09/20/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2338058
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>						
		80.9 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2338044
Chloride	23.1	20.0	1	09/19/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

**H-1 0-6"**

**E309124-21**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338003
Benzene	ND	0.0250	1	09/18/23	09/19/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/19/23	
Toluene	ND	0.0250	1	09/18/23	09/19/23	
o-Xylene	ND	0.0250	1	09/18/23	09/19/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/19/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		94.0 %	70-130	09/18/23	09/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338003
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.5 %	70-130	09/18/23	09/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2338059
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>						
		83.6 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2338053
Chloride	43.7	20.0	1	09/20/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

**H-2 0-6"**

**E309124-22**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338003
Benzene	ND	0.0250	1	09/18/23	09/19/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/19/23	
Toluene	ND	0.0250	1	09/18/23	09/19/23	
o-Xylene	ND	0.0250	1	09/18/23	09/19/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/19/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.2 %	70-130	09/18/23	09/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338003
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.6 %	70-130	09/18/23	09/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2338059
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>						
		83.3 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2338053
Chloride	ND	20.0	1	09/20/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

**H-3 0-6"**

**E309124-23**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338003
Benzene	ND	0.0250	1	09/18/23	09/19/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/19/23	
Toluene	ND	0.0250	1	09/18/23	09/19/23	
o-Xylene	ND	0.0250	1	09/18/23	09/19/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/19/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.9 %	70-130	09/18/23	09/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338003
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		87.3 %	70-130	09/18/23	09/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2338059
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>						
		79.8 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2338053
Chloride	ND	20.0	1	09/20/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

**H-4 0-6"**

**E309124-24**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338003
Benzene	ND	0.0250	1	09/18/23	09/19/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/19/23	
Toluene	ND	0.0250	1	09/18/23	09/19/23	
o-Xylene	ND	0.0250	1	09/18/23	09/19/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/19/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		93.6 %	70-130	09/18/23	09/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: IY		Batch: 2338003
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.2 %	70-130	09/18/23	09/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2338059
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>		83.3 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg		Analyst: RAS		Batch: 2338053
Chloride	<b>30.9</b>	20.0	1	09/20/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

**H-5 0-6"**

**E309124-25**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338003
Benzene	ND	0.0250	1	09/18/23	09/19/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/19/23	
Toluene	ND	0.0250	1	09/18/23	09/19/23	
o-Xylene	ND	0.0250	1	09/18/23	09/19/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/19/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.6 %	70-130	09/18/23	09/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338003
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		85.4 %	70-130	09/18/23	09/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2338059
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>						
		82.5 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2338053
Chloride	71.0	20.0	1	09/20/23	09/21/23	



### Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

**H-6 0-6"**

**E309124-26**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338003
Benzene	ND	0.0250	1	09/18/23	09/19/23	
Ethylbenzene	ND	0.0250	1	09/18/23	09/19/23	
Toluene	ND	0.0250	1	09/18/23	09/19/23	
o-Xylene	ND	0.0250	1	09/18/23	09/19/23	
p,m-Xylene	ND	0.0500	1	09/18/23	09/19/23	
Total Xylenes	ND	0.0250	1	09/18/23	09/19/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		93.7 %	70-130	09/18/23	09/19/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2338003
Gasoline Range Organics (C6-C10)	ND	20.0	1	09/18/23	09/19/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		86.0 %	70-130	09/18/23	09/19/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2338059
Diesel Range Organics (C10-C28)	ND	25.0	1	09/20/23	09/21/23	
Oil Range Organics (C28-C36)	ND	50.0	1	09/20/23	09/21/23	
<i>Surrogate: n-Nonane</i>						
		82.2 %	50-200	09/20/23	09/21/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2338053
Chloride	55.4	20.0	1	09/20/23	09/21/23	



### QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

#### Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	---------------	--------------------	----------	-------------------	-------

#### Blank (2338003-BLK1)

Prepared: 09/18/23 Analyzed: 09/19/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.43		8.00		92.8	70-130			

#### LCS (2338003-BS1)

Prepared: 09/18/23 Analyzed: 09/19/23

Benzene	4.26	0.0250	5.00		85.3	70-130			
Ethylbenzene	4.15	0.0250	5.00		83.0	70-130			
Toluene	4.30	0.0250	5.00		86.0	70-130			
o-Xylene	4.30	0.0250	5.00		86.0	70-130			
p,m-Xylene	8.60	0.0500	10.0		86.0	70-130			
Total Xylenes	12.9	0.0250	15.0		86.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.54		8.00		94.2	70-130			

#### Matrix Spike (2338003-MS1)

Source: E309120-01

Prepared: 09/18/23 Analyzed: 09/19/23

Benzene	4.78	0.0250	5.00	ND	95.5	54-133			
Ethylbenzene	4.66	0.0250	5.00	ND	93.1	61-133			
Toluene	4.82	0.0250	5.00	ND	96.4	61-130			
o-Xylene	4.78	0.0250	5.00	ND	95.7	63-131			
p,m-Xylene	9.63	0.0500	10.0	ND	96.3	63-131			
Total Xylenes	14.4	0.0250	15.0	ND	96.1	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.55		8.00		94.4	70-130			

#### Matrix Spike Dup (2338003-MSD1)

Source: E309120-01

Prepared: 09/18/23 Analyzed: 09/19/23

Benzene	4.42	0.0250	5.00	ND	88.5	54-133	7.67	20	
Ethylbenzene	4.31	0.0250	5.00	ND	86.2	61-133	7.74	20	
Toluene	4.46	0.0250	5.00	ND	89.3	61-130	7.66	20	
o-Xylene	4.44	0.0250	5.00	ND	88.9	63-131	7.41	20	
p,m-Xylene	8.92	0.0500	10.0	ND	89.2	63-131	7.59	20	
Total Xylenes	13.4	0.0250	15.0	ND	89.1	63-131	7.53	20	
Surrogate: 4-Bromochlorobenzene-PID	7.59		8.00		94.9	70-130			



### QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

#### Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	---------------	--------------------	----------	-------------------	-------

**Blank (2338015-BLK1)**

Prepared: 09/18/23 Analyzed: 09/20/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.1	70-130			

**LCS (2338015-BS1)**

Prepared: 09/18/23 Analyzed: 09/20/23

Benzene	4.33	0.0250	5.00		86.7	70-130			
Ethylbenzene	4.33	0.0250	5.00		86.6	70-130			
Toluene	4.45	0.0250	5.00		89.1	70-130			
o-Xylene	4.49	0.0250	5.00		89.9	70-130			
p,m-Xylene	8.97	0.0500	10.0		89.7	70-130			
Total Xylenes	13.5	0.0250	15.0		89.8	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.67		8.00		95.8	70-130			

**Matrix Spike (2338015-MS1)**

Source: E309124-06

Prepared: 09/18/23 Analyzed: 09/20/23

Benzene	4.53	0.0250	5.00	ND	90.7	54-133			
Ethylbenzene	4.53	0.0250	5.00	ND	90.6	61-133			
Toluene	4.66	0.0250	5.00	ND	93.2	61-130			
o-Xylene	4.70	0.0250	5.00	ND	94.0	63-131			
p,m-Xylene	9.37	0.0500	10.0	ND	93.7	63-131			
Total Xylenes	14.1	0.0250	15.0	ND	93.8	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.68		8.00		96.0	70-130			

**Matrix Spike Dup (2338015-MSD1)**

Source: E309124-06

Prepared: 09/18/23 Analyzed: 09/20/23

Benzene	5.01	0.0250	5.00	ND	100	54-133	9.89	20	
Ethylbenzene	5.01	0.0250	5.00	ND	100	61-133	10.1	20	
Toluene	5.15	0.0250	5.00	ND	103	61-130	9.98	20	
o-Xylene	5.20	0.0250	5.00	ND	104	63-131	10.0	20	
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131	9.98	20	
Total Xylenes	15.6	0.0250	15.0	ND	104	63-131	9.99	20	
Surrogate: 4-Bromochlorobenzene-PID	7.66		8.00		95.7	70-130			



### QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec % %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	---------------	--------------------	----------	-------------------	-------

**Blank (2338003-BLK1)**

Prepared: 09/18/23 Analyzed: 09/19/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.93		8.00		86.6	70-130			

**LCS (2338003-BS2)**

Prepared: 09/18/23 Analyzed: 09/19/23

Gasoline Range Organics (C6-C10)	45.8	20.0	50.0		91.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.06		8.00		88.2	70-130			

**Matrix Spike (2338003-MS2)**

Source: E309120-01

Prepared: 09/18/23 Analyzed: 09/19/23

Gasoline Range Organics (C6-C10)	45.0	20.0	50.0	ND	90.0	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.94		8.00		86.8	70-130			

**Matrix Spike Dup (2338003-MSD2)**

Source: E309120-01

Prepared: 09/18/23 Analyzed: 09/19/23

Gasoline Range Organics (C6-C10)	44.9	20.0	50.0	ND	89.9	70-130	0.108	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.00		8.00		87.5	70-130			



### QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

#### Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

**Blank (2338015-BLK1)**

Prepared: 09/18/23 Analyzed: 09/20/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.01		8.00		87.6	70-130			

**LCS (2338015-BS2)**

Prepared: 09/18/23 Analyzed: 09/20/23

Gasoline Range Organics (C6-C10)	45.2	20.0	50.0		90.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.3	70-130			

**Matrix Spike (2338015-MS2)**

Source: E309124-06

Prepared: 09/18/23 Analyzed: 09/20/23

Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.06		8.00		88.3	70-130			

**Matrix Spike Dup (2338015-MSD2)**

Source: E309124-06

Prepared: 09/18/23 Analyzed: 09/20/23

Gasoline Range Organics (C6-C10)	47.1	20.0	50.0	ND	94.3	70-130	5.18	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.14		8.00		89.3	70-130			



### QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

**Blank (2338058-BLK1)**

Prepared: 09/20/23 Analyzed: 09/21/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.1		50.0		86.1	50-200			

**LCS (2338058-BS1)**

Prepared: 09/20/23 Analyzed: 09/21/23

Diesel Range Organics (C10-C28)	241	25.0	250		96.6	38-132			
Surrogate: n-Nonane	41.4		50.0		82.9	50-200			

**Matrix Spike (2338058-MS1)**

Source: E309124-15

Prepared: 09/20/23 Analyzed: 09/21/23

Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.8	38-132			
Surrogate: n-Nonane	39.2		50.0		78.4	50-200			

**Matrix Spike Dup (2338058-MSD1)**

Source: E309124-15

Prepared: 09/20/23 Analyzed: 09/21/23

Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.9	38-132	1.19	20	
Surrogate: n-Nonane	40.1		50.0		80.2	50-200			



### QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

#### Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

**Blank (2338059-BLK1)**

Prepared: 09/20/23 Analyzed: 09/20/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	42.4		50.0		84.7	50-200			

**LCS (2338059-BS1)**

Prepared: 09/20/23 Analyzed: 09/20/23

Diesel Range Organics (C10-C28)	248	25.0	250		99.1	38-132			
Surrogate: n-Nonane	43.3		50.0		86.5	50-200			

**Matrix Spike (2338059-MS1)**

Source: E309126-01

Prepared: 09/20/23 Analyzed: 09/20/23

Diesel Range Organics (C10-C28)	244	25.0	250	ND	97.6	38-132			
Surrogate: n-Nonane	38.7		50.0		77.4	50-200			

**Matrix Spike Dup (2338059-MSD1)**

Source: E309126-01

Prepared: 09/20/23 Analyzed: 09/20/23

Diesel Range Organics (C10-C28)	242	25.0	250	ND	96.7	38-132	0.927	20	
Surrogate: n-Nonane	41.3		50.0		82.6	50-200			



### QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

#### Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

**Blank (2338044-BLK1)**

Prepared: 09/19/23 Analyzed: 09/21/23

Chloride ND 20.0

**LCS (2338044-BS1)**

Prepared: 09/19/23 Analyzed: 09/21/23

Chloride 251 20.0 250 101 90-110

**Matrix Spike (2338044-MS1)**

Source: E309124-01

Prepared: 09/19/23 Analyzed: 09/21/23

Chloride 261 20.0 250 ND 104 80-120

**Matrix Spike Dup (2338044-MSD1)**

Source: E309124-01

Prepared: 09/19/23 Analyzed: 09/21/23

Chloride 262 20.0 250 ND 105 80-120 0.204 20



### QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 9/22/2023 11:57:22AM
---	---	--

#### Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

**Blank (2338053-BLK1)**

Prepared: 09/20/23 Analyzed: 09/21/23

Chloride	ND	20.0							
----------	----	------	--	--	--	--	--	--	--

**LCS (2338053-BS1)**

Prepared: 09/20/23 Analyzed: 09/21/23

Chloride	261	20.0	250		104	90-110			
----------	-----	------	-----	--	-----	--------	--	--	--

**Matrix Spike (2338053-MS1)**

Source: E309120-01

Prepared: 09/20/23 Analyzed: 09/21/23

Chloride	292	20.0	250	30.3	105	80-120			
----------	-----	------	-----	------	-----	--------	--	--	--

**Matrix Spike Dup (2338053-MSD1)**

Source: E309120-01

Prepared: 09/20/23 Analyzed: 09/21/23

Chloride	284	20.0	250	30.3	102	80-120	2.83	20	
----------	-----	------	-----	------	-----	--------	------	----	--

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



## Definitions and Notes

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: MESA VERDE 7 FEDERAL #001 Project Number: 01058-0007 Project Manager: Ethan Sessums	<b>Reported:</b> 09/22/23 11:57
---	---	------------------------------------

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with \*\* are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



### Chain of Custody



Work Order No: E309124  
 Job # 01058-0007

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.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:

Project Name:		Turn Around		ANALYSIS REQUEST										Preservative Codes			
Project Number:		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code													
Project Location:		Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	None: NO		DI Water: H <sub>2</sub> O						
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm							Cool: Cool		MeOH: Me						
PO #:									HCL: HC		HNO <sub>3</sub> : HN						
SAMPLE RECEIPT		Temp Blank: Yes No							Wet Ice: Yes No		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>		NaOH: Na				
Received Intact:		Thermometer ID:							H <sub>3</sub> PO <sub>4</sub> : HP		NaHSO <sub>4</sub> : NABIS						
Cooler Custody Seals:		Correction Factor:		Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>		Zn Acetate+NaOH: Zn											
Sample Custody Seals:		Temperature Reading: <u>4</u>		NaOH+Ascorbic Acid: SAPC		Sample Comments											
Total Containers:		Corrected Temperature:															
Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont										
V-1	0-6"	9/14/2023		X		Grab	1	X	X	X							1
V-1	1-1.5'	9/14/2023		X		Grab	1	X	X	X							2
V-1	2-2.5'	9/14/2023		X		Grab	1	X	X	X							3
V-1	3-3.5'	9/14/2023		X		Grab	1	X	X	X							4
V-1	4-4.5'	9/14/2023		X		Grab	1	X	X	X							5
V-2	0-6"	9/14/2023		X		Grab	1	X	X	X							6
V-2	1-1.5'	9/14/2023		X		Grab	1	X	X	X							7
V-2	2-2.5'	9/14/2023		X		Grab	1	X	X	X							8
V-2	3-3.5'	9/14/2023		X		Grab	1	X	X	X							9
V-2	4-4.5'	9/14/2023		X		Grab	1	X	X	X							10

**Additional Comments:**

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	9-15-23 10:30	<i>[Signature]</i>	<i>[Signature]</i>	9-15-23 17:45
<i>[Signature]</i>	<i>[Signature]</i>	9-18-23 8:15			

### Chain of Custody



Work Order No: E309124  
 Job # 01058-0007

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.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"/> FRRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Turn Around		ANALYSIS REQUEST										Preservative Codes						
Project Number:	237701	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code												None: NO	DI Water: H <sub>2</sub> O			
Project Location	Lea Co, NM	Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD									Cool: Cool	MeOH: Me		
Sampler's Name:	Dmitry Nikanorov	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO <sub>3</sub> : HN		
PO #:	EE-126986.01.ABD																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes No						Wet Ice:	Yes No									H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:	Yes No	Thermometer ID:															NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:	Yes No N/A	Correction Factor:										Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>								
Sample Custody Seals:	Yes No N/A	Temperature Reading:										Zn Acetate+NaOH: Zn								
Total Containers:	26	Corrected Temperature:										NaOH+Ascorbic Acid: SAPC								
Sample Identification	Depth	Date	Time	Soil	Water	Grab/Comp	# of Cont										Sample Comments			
V-3	0-6"	9/14/2023		X		Grab	1	X	X	X							11			
V-3	1-1.5'	9/14/2023		X		Grab	1	X	X	X							12			
V-3	2-2.5'	9/14/2023		X		Grab	1	X	X	X							13			
V-3	3-3.5'	9/14/2023		X		Grab	1	X	X	X							14			
V-3	4-4.5'	9/14/2023		X		Grab	1	X	X	X							15			
V-4	0-6"	9/14/2023		X		Grab	1	X	X	X							16			
V-4	1-1.5'	9/14/2023		X		Grab	1	X	X	X							17			
V-4	2-2.5'	9/14/2023		X		Grab	1	X	X	X							18			
V-4	3-3.5'	9/14/2023		X		Grab	1	X	X	X							19			
V-4	4-4.5'	9/14/2023		X		Grab	1	X	X	X							20			

**Additional Comments:**

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	9-15-23 10:30	<i>[Signature]</i>	<i>[Signature]</i>	9.15.23 1745
<i>[Signature]</i>	<i>[Signature]</i>	9-18-23 8:15			



Envirotech Analytical Laboratory

Printed: 9/18/2023 10:01:00AM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client: NTG-New Tech Global Environmental Date Received: 09/18/23 08:15 Work Order ID: E309124
Phone: (281) 872-9300 Date Logged In: 09/15/23 15:34 Logged In By: Caitlin Mars
Email: esessums@ntglobal.com Due Date: 09/22/23 17:00 (4 day TAT)

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Carrier: Courier

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

- 7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

- 14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

- 20. Were field sample labels filled out with the minimum information:
Sample ID? Yes
Date/Time Collected? Yes
Collectors name? Yes

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Empty box for client instruction.

Comments/Resolution

Time sampled not provided on COC per client. SRC email not sent per client request.

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

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

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

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

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

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

CONDITIONS

Action 271551

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 271551
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
amaxwell	None	10/18/2023