Ancell Environmental Consulting Services, LLC

July 10, 2025

New Mexico Oil Conservation Division
New Mexico Energy, Minerals, and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RE: 1st Vadose Zone Tri-Annual Sampling Report
TNT Landfarm
NMOCD Permit NM1-8
Facility ID fEEM0112335451
SW/4 SE/4 and SE/4 NW/4 of Section 5 and NE/4 NW/4 of Section 8, Township 25 North, Range 3 West, NMPM
Rio Arriba County, New Mexico

To whom it may concern:

On behalf of TNT Environmental (TNT), Ancell Environmental Consulting Services (AECS) has prepared the following 1st Vadose Zone Tri-Annual Sampling Report detailing compliance soil sampling activities completed at the TNT Landfarm on April 29, 2025.

Site Background

AECS was contracted to conduct soil sampling in the monitoring zone (vadose zone) below the treatment zone at the TNT Landfarm, a surface waste management facility (Permit NM1-8) located in Rio Arriba County, New Mexico (Figure 1). In 1992, the TNT Landfarm (the Site) was permitted under New Mexico Oil and Gas Conservation Division (NMOCD) Rule 711. The original permit was amended on June 17, 2005, to modify the sampling frequency from quarterly to tri-annual events. On February 14, 2007, Rule 711 was replaced by 19.15.36 New Mexico Administrative Code (NMAC), commonly referred to as Part 36. From 1992 to 2016, TNT accepted

180 E. 12th St.
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tancellenviroco@gmail.com

petroleum hydrocarbon impacted soils and drill cuttings for remediation purposes. No soil has been accepted at the facility since 2016.

Based on the existing permit conditions of NM1-8, the 2005 modification approval, and the transitional provision of 19.15.36.20.A NMAC, vadose zone sampling events occur tri-annually with a minimum of one random vadose soil sample taken from each individual cell between two (2) and three (3) feet (ft) below the native ground surface and submitted for laboratory analysis of constituents identified in NM1-8 and 19.15.36.15(E). Laboratory analytical results will be compared to background soil concentrations or laboratory practical quantitation limits (PQL or reporting limit) to determine if a release has occurred. The 1st Vadose Zone Sampling event shall be conducted by April 30th of each year and the sampling report for this event shall be submitted no later than May 31st of each year. In accordance with 19.15.36.19 NMAC, on behalf of TNT, AECS submitted a C-137A for the consideration of alternative release assessment criteria in place of 19.15.36.15.E(2) NMAC to complete vadose zone assessment requirements. On May 28 and June 13, 2025, Ms. Leigh Barr, NMOCD Supervisor of Administrative Permitting Program, granted a two-week verbal extension followed by a 30-day email extension to accommodate the time needed to review the C-137A Minor Permit Modification Application. On July 3, 2025, the minor permit modification request was approved wherein 19.15.29 NMAC Table I Closure Criteria for the depth to groundwater at greater than 100 ft below ground surface (bgs) will be used for the comparison of benzene, toluene, ethylbenzene, and total xylenes (BTEX), total petroleum hydrocarbons (TPH), and chloride laboratory analytical results in lieu of background levels at the Site. The full report for the minor modification request can be found in the facility files on the NMOCD Online portal.

	Benzene (mg/kg)	Total BTEX (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
Table I Closure Criteria (19.15.29.12 NMAC)	**10**	**50**	**1,000* 2,500****	**20,000**

*TPH limit as GRO and DRO fractions combined
**TPH limit as GRO, DRO, and ORO fractions combined

Methods

One soil sample was collected from each cell at 2.5 ft to 3 ft below the native ground surface (Figure 2). A shovel was used to clear back the treatment zone soils in the immediate vicinity of the soil borings to minimize any potential downhole cross-contamination. The treatment zone to vadose zone transition was identified by changes in soil type, color, and odor. A hand auger was used to install temporary soil borings to collect representative discrete samples of the vadose zone. Each soil boring was backfilled with bentonite chips, and the GPS coordinate was recorded.

The discrete soil samples were collected into new, precleaned, laboratory provided container and immediately placed on ice in a cooler for transport to Envirotech Laboratory (Envirotech) of Farmington, New Mexico, under strict chain-of-custody (COC) protocol. The date and time sampled, sample number, type of sample, sampler's name and signature, preservative used, and analyses required were all documented on the COC. All soil samples were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) per the United States Environmental Protection Agency (USEPA) Method 8021B, total petroleum hydrocarbons (TPH) as gasoline range organics (TPH-GRO), diesel range organics (TPH-DRO), and oil range organics (TPH-ORO)) per USEPA Method 8015M, and chloride per USEPA Method 300.0.

Laboratory Analytical Results

Laboratory analytical results for Cell #1 and Cell #2 vadose zone soil samples reported benzene, BTEX and TPH concentrations below laboratory detection limits of 0.0250 mg/kg, 0.150 mg/kg, and 95.0 mg/kg, respectively. Chloride concentrations were reported at 35.7 mg/kg for Cell #1 and 122 mg/kg for Cell #2. The laboratory analytical results are presented in Table 1 and the complete Envirotech Laboratory Analytical Report (E504307) is attached.

Discussion and Conclusion

Analytical results for both vadose zone samples reported benzene and BTEX concentrations below laboratory detection limits and the applicable Table I Closure Criteria of 10 mg/kg and 50 mg/kg, respectively. TPH concentrations

in both samples were also reported below laboratory detection limits and the applicable Table I Closure Criteria of 1,000 mg/kg as the combined fractions of GRO and DRO and 2,500 mg/kg as the combined fractions of GRO, DRO and ORO. Chloride concentrations were reported above background concentrations and laboratory PQLs but below the applicable 19.15.29 NMAC Table 1 Closure Criteria of 20,000 mg/kg. Pursuant to 19.15.36.15.E, vadose analytical results from the 1st Vadose Tri-Annual sampling event in April 2025 indicate that there is no evidence of a release that would impact fresh water, human health, or the environment at the TNT Landfarm and no further assessment is required.

If you have any questions or concerns regarding the information provided in this report, please contact AECS at 970-946-9869.

Sincerely,

Emilee Skyles

Emilee Skyles
Project Manager
Ancell Environmental Consulting Services

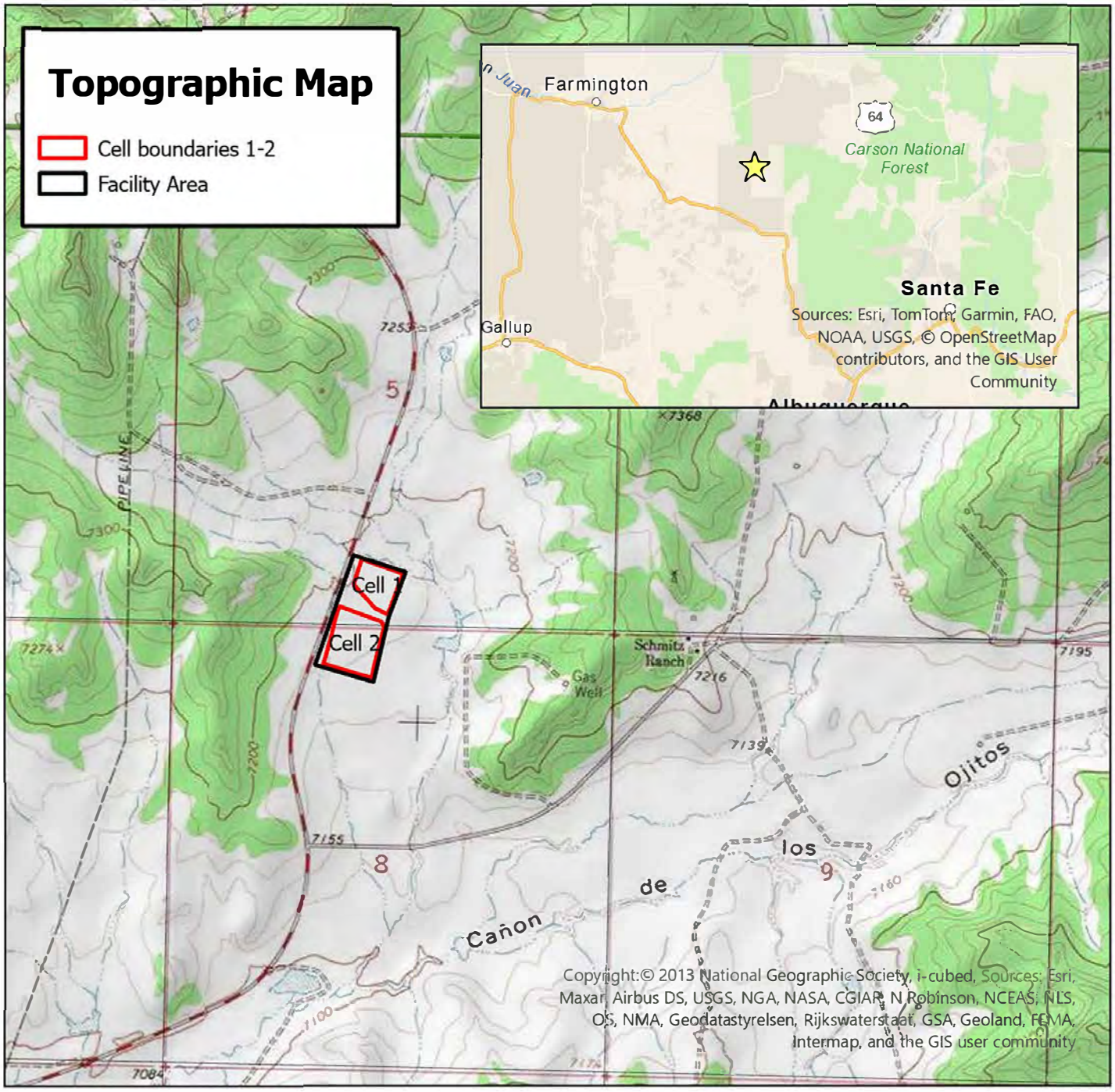
ATTACHMENTS
Table 1. Tri-annual Vadose Zone Monitoring Laboratory Analytical Results
Figure 1. Topographic Site Location map
Figure 2. Aerial Site Map with Sample Locations

APPENDIX
Agency Correspondence
Envirotech Laboratory Analytical Report

Table 1. Tri-annual Vadose Zone Monitoring Analytical Results
TNT Landfarm Surface Waste Management Facility
fEEM0112335451
Permit NM1-8

			Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Total BTEX (mg/kg)	TPH (mg/kg)	TPH (mg/kg)			Chloride (mg/kg)
									GRO	***DRO***	***ORO***	
PQL or Background Concentrations			*0.0250*	*0.0250*	*0.0250*	*0.0750*	*--*	*--*	*<20.0*	*<25.0*	*<50.0*	*<0.5 to 24.3**
NMOCD Table 1 Site Closure Critera (19.15.29 NMAC)**			***10***	***NE***	***NE***	***NE***	***50***	***1,000 # 2,500 ^***	--	--	--	***20,000***
Sample Date	Sample ID	Sample Depth feet below native ground surface										
11/04/15	Cell #1	2 to 3	<0.050	<0.050	<0.050	<0.150	<0.300	<30.0	<10.0	<10.0	<10.0	*48.0*
07/20/16	Cell #1	2 to 3	<0.050	<0.050	<0.050	<0.150	<0.300	<30.0	<10.0	<10.0	<10.0	<16.0
data gap - no vadose zone monitoring events occurred												
7/20/23	Cell 1 Vadose	3	<0.0250	<0.0250	<0.0250	<0.0750	<0.150	<95.0	<20.0	<25.0	<50.0	NA
9/26/23	Cell 1 Vadose	3	<0.0250	<0.0250	<0.0250	<0.0750	<0.150	<95.0	<20.0	<25.0	<50.0	<20.0
4/23/24	Cell 1 Vadose	3	<0.0250	<0.0250	<0.0250	<0.0750	<0.150	<95.0	<20.0	<25.0	<50.0	22.4
7/31/24	Cell 1 Vadose	3	<0.0250	<0.0250	<0.0250	<0.0750	<0.150	<95.0	<20.0	<25.0	<50.0	NA
10/29/24	Cell 1 Vadose	3	<0.0250	<0.0250	<0.0250	<0.0750	<0.150	<95.0	<20.0	<25.0	<50.0	*37.9*
4/29/25	Cell 1 Vadose	2.5 to 3	<0.0250	<0.0250	<0.0250	<0.0750	<0.150	<95.0	<20.0	<25.0	<50.0	*35.0*
Sample Date	Sample ID	Sample Depth feet below native ground surface										
11/04/15	Cell #2	2 to 3	<0.050	<0.050	<0.050	<0.150	<0.300	<30.0	<10.0	<10.0	<10.0	*32.0*
06/24/16	Cell #2	2 to 3	<0.050	<0.050	<0.050	<0.150	<0.300	<30.0	<10.0	<10.0	<10.0	<16.0
data gap - no vadose zone monitoring events occurred												
7/20/23	Cell 2 Vadose	3	<0.0250	<0.0250	<0.0250	<0.0750	<0.150	*36.6*	<20.0	*36.6*	<50.0	NA
9/26/23	Cell 2 Vadose	3	<0.0250	<0.0250	<0.0250	<0.0750	<0.150	<95.0	<20.0	<25.0	<50.0	20.1
4/23/24	Cell 2 Vadose	3	<0.0250	<0.0250	<0.0250	<0.0750	<0.150	<95.0	<20.0	<25.0	<50.0	<20.0
7/31/24	Cell 2 Vadose	3	<0.0250	<0.0250	<0.0250	<0.0750	<0.150	<95.0	<20.0	<25.0	<50.0	NA
10/29/24	Cell 2 Vadose	3	<0.0250	<0.0250	<0.0250	<0.0750	<0.150	<95.0	<20.0	<25.0	<50.0	<20.0
4/29/25	Cell 2 Vadose	2.5 to 3	<0.0250	<0.0250	<0.0250	<0.0750	<0.150	<95.0	<20.0	<25.0	<50.0	*122*

*Based on laboratory results from 8 background samples submitted to the OCD from 1993 to 2010
**Based on depth to water at greater 100 ft bgs
BTEX - benzene, toluene, ethylbenzene and total xylenes
TPH - Totoal Petroleum Hydrocarbons
GRO - Gasoline Range Organics
DRO - Diesel Range Organics
ORO - Oil Range Organics
NA - Not Analyzed
NE - Not Established
NMAC - New Mexico Administrative Code
BTEX analyzed per USEPA Method 8021 or 8260
TPH (GRO+DRO+ORO) analyzed per USEPA Method 8015M
Chloride analyzed per USEPA Method 300.0
- TPH limit as GRO+DRO
^ - TPH limit as GRO+DRO+ORO



0 1,000 2,000 4,000 6,000 8,000 Feet

N W E S

Ancell Environmental

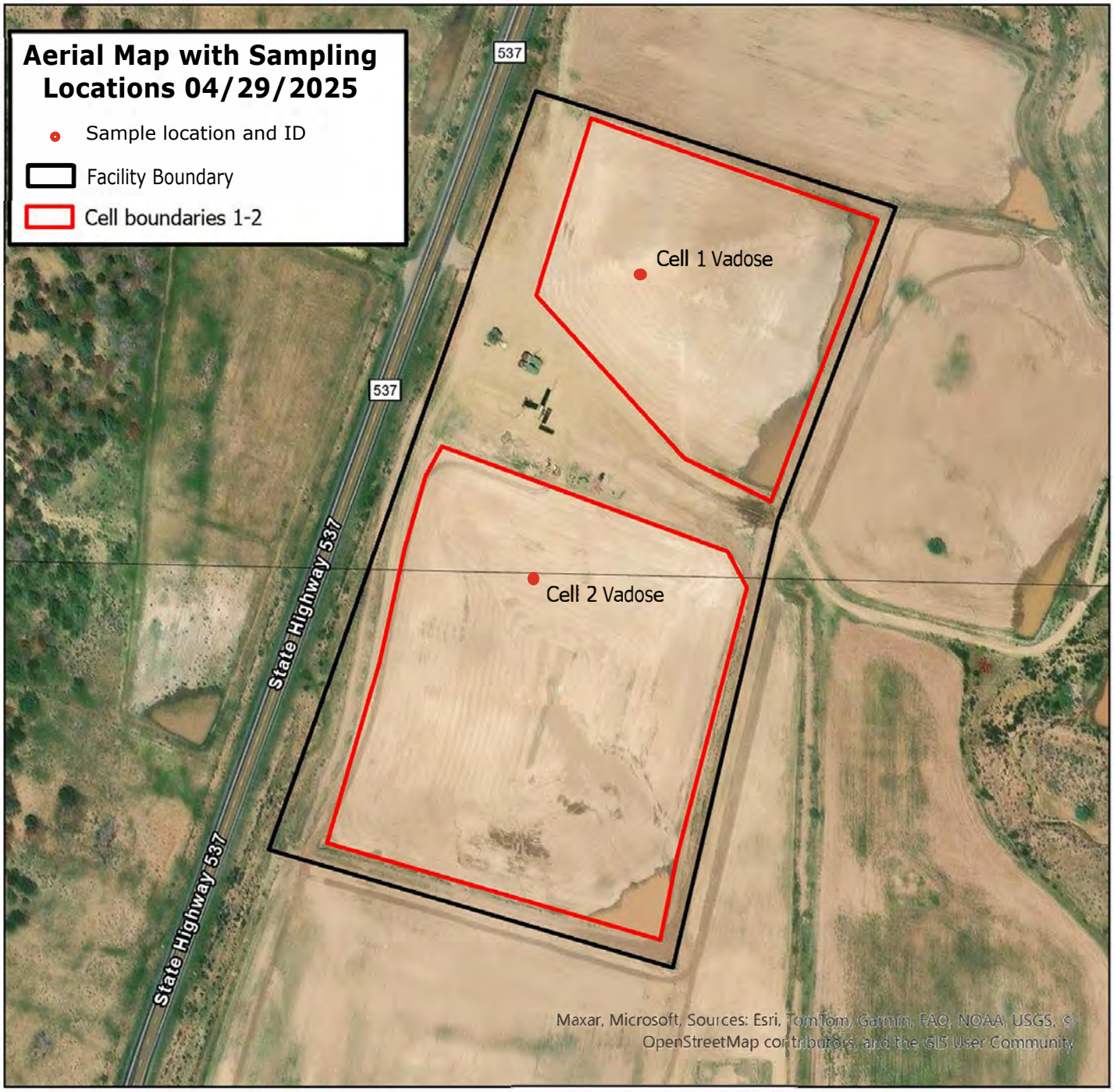
Consulting Services

TNT Environmental, Inc

Permit NM1-008
Evaporation Ponds and Landfarm
Facility ID: fEEM0112335451

SW/4 SE/4 and SE/4 NW/4 of Section 5 and NE/4 NW/4 of Section 8
Township 25 North, Range 3 West, Rio Arriba County, New Mexico

Fig 1



0 170 340 680 1,020 1,360 Feet

N W E S

Ancell Environmental

Consulting Services

TNT Environmental, Inc

Permit NM1-008

Facility ID: fEEM0112335451

SW/4 SE/4 and SE/4 NW/4 of Section 5 and NE/4 NW/4 of Section 8
Township 25 North, Range 3 West, Rio Arriba County, New Mexico

Fig 2

APPENDIX

Friday, July 11, 2025 at 14:52:25 Mountain Daylight Time

Subject: Re: [EXTERNAL] NM1-8 TNT Landfarm 1st Vadose Zone Report 2025
Date: Friday, June 13, 2025 at 3:39:33 PM Mountain Daylight Time
From: Emilee
To: Barr, Leigh, EMNRD

Ms. Barr,

Thank you kindly.

Emilee

On Wed, Jun 11, 2025 at 10:38AM Barr, Leigh, EMNRD <leighp.barr@emnrd.nm.gov> wrote:

> You have permission.
>
> **Leigh Barr** • Supervisor – Administrative Permitting Program
>
> EMNRD - Oil Conservation Division
>
> 1220 S. St. Francis Drive | Santa Fe, NM 87505
>
> 505.795.1722 | **LeighP.Barr@emnrd.nm.gov**
>
> ---
>
> **From:** Emilee <lmnop.env@gmail.com>
> **Sent:** Wednesday, June 11, 2025 8:40 AM
> **To:** Barr, Leigh, EMNRD <leighp.barr@emnrd.nm.gov>
> **Cc:** Brian Skyles <bskylesenviro@outlook.com>; Theresa Ancell <tancellenviroco@gmail.com>
> **Subject:** [EXTERNAL] NM1-8 TNT Landfarm 1st Vadose Zone Report 2025
>
> CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.
>
> Good Morning Ms. Barr,
>
> On behalf of TNT Environmental, we would like to respectfully request an additional 30-day

extension for the 1st Vadose Zone Sampling Event Report deadline (due May 31st plus two-week extension granted - due June 14). At this time, a C-137A Minor Permit Modification was submitted to address the release assessment component of the sampling event. As soon as we receive word from the NMOCD on the status of the request, we will submit the report or address any concerns brought by the division promptly.

Thank you for your consideration of this request as we work towards resolving compliance issues for the vadose zone sampling events.

Sincerely,
Emilee Skyles

Ancell Environmental Consulting Services

970-946-9869

Friday, July 11, 2025 at 14:51:00 Mountain Daylight Time

Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 469482
Date: Thursday, July 3, 2025 at 10:33:51 AM Mountain Daylight Time
From: OCDOnline@state.nm.us
To: lmnop.env@gmail.com

To whom it may concern (c/o Emilee Skyles for T-N-T ENVIRONMENTAL INC),

The OCD has approved the submitted *Minor Modification of a Surface Waste Management Facility* (C-137A), for facility ID (f#) fEEM0112335451,
with the following conditions:

- **TNT must meet the Table I closure criteria of 19.15.29.12 NMAC when comparing sampling results from the vadose zone for benzene, BTEX, chlorides, and TPH.**

The signed C-137A can be found in the OCD Online: Imaging under the facility ID (f#).

If you have any questions regarding this application, please contact me.

Thank you,
Leigh Barr
Environmental Specialist Supervisor – Administrati
505-476-3441
LeighP.Barr@emnrd.nm.gov

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

Report to:

Emilee Skyles

5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

TNT Environmental

Project Name:	TNT Landfarm- Vadose Zone
Work Order:	E504307
Job Number:	17009-0001
Received:	4/30/2025

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
5/7/25

Date Reported: 5/7/25

Emilee Skyles
PO Box 2530
Farmington, NM 87499

Project Name: TNT Landfarm- Vadose Zone
Workorder: E504307
Date Received: 4/30/2025 10:59:00AM

Emilee Skyles,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/30/2025 10:59:00AM, under the Project Name: TNT Landfarm- Vadose Zone.

The analytical test results summarized in this report with the Project Name: TNT Landfarm- Vadose Zone 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 reguarding 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

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

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ljarboe@envirotech-inc.com

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mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

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Sample Summary

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	**Reported:**
PO Box 2530	Project Number:	17009-0001	
Farmington NM, 87499	Project Manager:	Emilee Skyles	05/07/25 10:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Cell 1 Vadose	E504307-01A	Soil	04/29/25	04/30/25	Glass Jar, 2 oz.
Cell 2 Vadose	E504307-02A	Soil	04/29/25	04/30/25	Glass Jar, 2 oz.
Cell 3 Vadose	E504307-03A	Soil	04/29/25	04/30/25	Glass Jar, 2 oz.
Cell 4 Vadose	E504307-04A	Soil	04/29/25	04/30/25	Glass Jar, 2 oz.
Cell 5 Vadose	E504307-05A	Soil	04/29/25	04/30/25	Glass Jar, 2 oz.
Cell 6 Vadose	E504307-06A	Soil	04/29/25	04/30/25	Glass Jar, 2 oz.
Cell 7 Vadose	E504307-07A	Soil	04/29/25	04/30/25	Glass Jar, 2 oz.
Cell 8 Vadose	E504307-08A	Soil	04/29/25	04/30/25	Glass Jar, 2 oz.
Cell 9 Vadose	E504307-09A	Soil	04/29/25	04/30/25	Glass Jar, 2 oz.
Cell 10 Vadose	E504307-10A	Soil	04/29/25	04/30/25	Glass Jar, 2 oz.
Cell 11 Vadose	E504307-11A	Soil	04/29/25	04/30/25	Glass Jar, 2 oz.
Cell 12 Vadose	E504307-12A	Soil	04/29/25	04/30/25	Glass Jar, 2 oz.
Cell 13 Vadose	E504307-13A	Soil	04/29/25	04/30/25	Glass Jar, 2 oz.
Cell 14 Vadose	E504307-14A	Soil	04/29/25	04/30/25	Glass Jar, 2 oz.

Sample Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	
PO Box 2530	Project Number:	17009-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Cell 1 Vadose

E504307-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*104 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.5 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2518083
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*05/01/25*	*05/01/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2518091
Chloride	**35.0**	20.0	1	05/01/25	05/01/25	

Sample Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	
PO Box 2530	Project Number:	17009-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Cell 2 Vadose

E504307-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*105 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2518083
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		*111 %*	*61-141*	*05/01/25*	*05/01/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2518091
Chloride	**122**	20.0	1	05/01/25	05/01/25	

Sample Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	
PO Box 2530	Project Number:	17009-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Cell 3 Vadose

E504307-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*103 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2518083
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		*99.0 %*	*61-141*	*05/01/25*	*05/01/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2518091
Chloride	**35.7**	20.0	1	05/01/25	05/01/25	

Sample Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	
PO Box 2530	Project Number:	17009-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Cell 4 Vadose

E504307-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.7 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2518083
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		*98.6 %*	*61-141*	*05/01/25*	*05/01/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2518091
Chloride	**46.7**	20.0	1	05/01/25	05/01/25	

Sample Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	
PO Box 2530	Project Number:	17009-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Cell 5 Vadose

E504307-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2518083
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		*101 %*	*61-141*	*05/01/25*	*05/01/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2518091
Chloride	**24.1**	20.0	1	05/01/25	05/01/25	

Sample Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	
PO Box 2530	Project Number:	17009-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Cell 6 Vadose

E504307-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2518083
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/01/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/01/25	
Surrogate: n-Nonane		*95.3 %*	*61-141*	*05/01/25*	*05/01/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2518091
Chloride	**181**	20.0	1	05/01/25	05/01/25	

Sample Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	
PO Box 2530	Project Number:	17009-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Cell 7 Vadose

E504307-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.6 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2518083
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/02/25	
Surrogate: n-Nonane		*90.7 %*	*61-141*	*05/01/25*	*05/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2518091
Chloride	**312**	20.0	1	05/01/25	05/01/25	

Sample Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	
PO Box 2530	Project Number:	17009-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Cell 8 Vadose

E504307-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.8 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2518083
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/02/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*05/01/25*	*05/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2518091
Chloride	**213**	20.0	1	05/01/25	05/01/25	

Sample Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	
PO Box 2530	Project Number:	17009-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Cell 9 Vadose

E504307-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*102 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.9 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2518083
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/02/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*05/01/25*	*05/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2518091
Chloride	**40.0**	20.0	1	05/01/25	05/01/25	

Sample Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	
PO Box 2530	Project Number:	17009-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Cell 10 Vadose

E504307-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*91.9 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2518083
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/02/25	
Surrogate: n-Nonane		*95.1 %*	*61-141*	*05/01/25*	*05/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2518091
Chloride	ND	20.0	1	05/01/25	05/01/25	

Sample Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	
PO Box 2530	Project Number:	17009-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Cell 11 Vadose

E504307-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.1 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2518083
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/02/25	
Surrogate: n-Nonane		*102 %*	*61-141*	*05/01/25*	*05/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2518091
Chloride	**261**	20.0	1	05/01/25	05/01/25	

Sample Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	
PO Box 2530	Project Number:	17009-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Cell 12 Vadose

E504307-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.7 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2518083
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/02/25	
Surrogate: n-Nonane		*100 %*	*61-141*	*05/01/25*	*05/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2518091
Chloride	**153**	20.0	1	05/01/25	05/01/25	

Sample Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	
PO Box 2530	Project Number:	17009-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Cell 13 Vadose

E504307-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.2 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2518083
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/02/25	
Surrogate: n-Nonane		*96.8 %*	*61-141*	*05/01/25*	*05/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2518091
Chloride	ND	20.0	1	05/01/25	05/01/25	

Sample Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	
PO Box 2530	Project Number:	17009-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Cell 14 Vadose

E504307-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Benzene	ND	0.0250	1	04/30/25	05/01/25	
Ethylbenzene	ND	0.0250	1	04/30/25	05/01/25	
Toluene	ND	0.0250	1	04/30/25	05/01/25	
o-Xylene	ND	0.0250	1	04/30/25	05/01/25	
p,m-Xylene	ND	0.0500	1	04/30/25	05/01/25	
Total Xylenes	ND	0.0250	1	04/30/25	05/01/25	
Surrogate: 4-Bromochlorobenzene-PID		*101 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: BA			Batch: 2518075
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/30/25	05/01/25	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.2 %*	*70-130*	*04/30/25*	*05/01/25*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: NV			Batch: 2518083
Diesel Range Organics (C10-C28)	ND	25.0	1	05/01/25	05/02/25	
Oil Range Organics (C28-C36)	ND	50.0	1	05/01/25	05/02/25	
Surrogate: n-Nonane		*103 %*	*61-141*	*05/01/25*	*05/02/25*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: JM			Batch: 2518091
Chloride	ND	20.0	1	05/01/25	05/01/25	

QC Summary Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	**Reported:**
PO Box 2530	Project Number:	17009-0001	
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Volatile Organics by EPA 8021B

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2518075-BLK1)									Prepared: 04/30/25 Analyzed: 05/01/25
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	*8.32*		*8.00*		*104*	*70-130*			
LCS (2518075-BS1)									Prepared: 04/30/25 Analyzed: 05/01/25
Benzene	5.37	0.0250	5.00		107	70-130			
Ethylbenzene	5.54	0.0250	5.00		111	70-130			
Toluene	5.50	0.0250	5.00		110	70-130			
o-Xylene	5.47	0.0250	5.00		109	70-130			
p,m-Xylene	11.2	0.0500	10.0		112	70-130			
Total Xylenes	16.6	0.0250	15.0		111	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.29*		*8.00*		*104*	*70-130*			
Matrix Spike (2518075-MS1)				**Source: E504307-02**					Prepared: 04/30/25 Analyzed: 05/01/25
Benzene	5.27	0.0250	5.00	ND	105	70-130			
Ethylbenzene	5.43	0.0250	5.00	ND	109	70-130			
Toluene	5.40	0.0250	5.00	ND	108	70-130			
o-Xylene	5.37	0.0250	5.00	ND	107	70-130			
p,m-Xylene	10.9	0.0500	10.0	ND	109	70-130			
Total Xylenes	16.3	0.0250	15.0	ND	109	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*8.31*		*8.00*		*104*	*70-130*			
Matrix Spike Dup (2518075-MSD1)				**Source: E504307-02**					Prepared: 04/30/25 Analyzed: 05/01/25
Benzene	5.10	0.0250	5.00	ND	102	70-130	3.46	27	
Ethylbenzene	5.24	0.0250	5.00	ND	105	70-130	3.58	26	
Toluene	5.21	0.0250	5.00	ND	104	70-130	3.57	20	
o-Xylene	5.18	0.0250	5.00	ND	103	70-130	3.64	25	
p,m-Xylene	10.5	0.0500	10.0	ND	105	70-130	3.68	23	
Total Xylenes	15.7	0.0250	15.0	ND	105	70-130	3.67	26	
Surrogate: 4-Bromochlorobenzene-PID	*8.27*		*8.00*		*103*	*70-130*			

QC Summary Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	**Reported:**
PO Box 2530	Project Number:	17009-0001	
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: BA

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2518075-BLK1)									Prepared: 04/30/25 Analyzed: 05/01/25
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.34*		*8.00*		*91.8*	*70-130*			
LCS (2518075-BS2)									Prepared: 04/30/25 Analyzed: 05/01/25
Gasoline Range Organics (C6-C10)	44.3	20.0	50.0		88.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.40*		*8.00*		*92.5*	*70-130*			
Matrix Spike (2518075-MS2)				**Source: E504307-02**					Prepared: 04/30/25 Analyzed: 05/01/25
Gasoline Range Organics (C6-C10)	46.1	20.0	50.0	ND	92.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.47*		*8.00*		*93.3*	*70-130*			
Matrix Spike Dup (2518075-MSD2)				**Source: E504307-02**					Prepared: 04/30/25 Analyzed: 05/01/25
Gasoline Range Organics (C6-C10)	46.5	20.0	50.0	ND	93.1	70-130	1.04	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.40*		*8.00*		*92.5*	*70-130*			

QC Summary Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	**Reported:**
PO Box 2530	Project Number:	17009-0001	
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: NV

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2518083-BLK1)									Prepared: 05/01/25 Analyzed: 05/01/25
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*46.1*		*50.0*		*92.2*	*61-141*			
LCS (2518083-BS1)									Prepared: 05/01/25 Analyzed: 05/01/25
Diesel Range Organics (C10-C28)	274	25.0	250		110	66-144			
Surrogate: n-Nonane	*48.7*		*50.0*		*97.4*	*61-141*			
Matrix Spike (2518083-MS1)				**Source: E504307-03**					Prepared: 05/01/25 Analyzed: 05/01/25
Diesel Range Organics (C10-C28)	270	25.0	250	ND	108	56-156			
Surrogate: n-Nonane	*48.6*		*50.0*		*97.1*	*61-141*			
Matrix Spike Dup (2518083-MSD1)				**Source: E504307-03**					Prepared: 05/01/25 Analyzed: 05/01/25
Diesel Range Organics (C10-C28)	272	25.0	250	ND	109	56-156	0.796	20	
Surrogate: n-Nonane	*48.9*		*50.0*		*97.8*	*61-141*			

QC Summary Data

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	**Reported:**
PO Box 2530	Project Number:	17009-0001	
Farmington NM, 87499	Project Manager:	Emilee Skyles	5/7/2025 10:46:59AM

Anions by EPA 300.0/9056A

Analyst: JM

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2518091-BLK1)									Prepared: 05/01/25 Analyzed: 05/01/25
Chloride	ND	20.0							
LCS (2518091-BS1)									Prepared: 05/01/25 Analyzed: 05/01/25
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2518091-MS1)				**Source: E504307-07**					Prepared: 05/01/25 Analyzed: 05/01/25
Chloride	555	20.0	250	312	97.5	80-120			
Matrix Spike Dup (2518091-MSD1)				**Source: E504307-07**					Prepared: 05/01/25 Analyzed: 05/01/25
Chloride	568	20.0	250	312	103	80-120	2.25	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

TNT Environmental	Project Name:	TNT Landfarm- Vadose Zone	
PO Box 2530	Project Number:	17009-0001	**Reported:**
Farmington NM, 87499	Project Manager:	Emilee Skyles	05/07/25 10:46

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: TNT Environmental Project Name: TNT Landfarm - Vadose Zone Project Manager: Emilee Skyles Address:180 E 12th St City, State, Zip: Durango, CO 81301 Phone: 970-946-9869 Email: lmnop.env@gmail.com	Company: TNT Environmental Address: PO Box 3520 City, State, Zip: Phone: mail: Miscellaneous:	Lab WO# E504307 Job Number 17009-0001	1D: 2D: 3D: Std: x	NM: CO: UT: TX:

Analysis and Method	EPA Program
DRO/ORO by 8015; GRO/DRO by 8015; BTEX by 8021; VOC by 8260; Chloride 300.0; TCEQ 1005 - TX; RCRA 8 Metals; BGDOC - NM; BGDOC - TX	SDWA: CWA: RCRA: Compliance: Y or N PWSID #

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Filtered	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals	BGDOC - NM	BGDOC - TX	Sample Temp	Remarks
10:29	4/29/25	Soil	1	Cell 1 Vadose		1	x	x	x		x					3.6	
11:00	4/29/25	Soil	1	Cell 2 Vadose		2	x	x	x		x					3.4	
11:37	4/29/25	Soil	1	Cell 3 Vadose		3	x	x	x		x					2.6	
12:39	4/29/25	Soil	1	Cell 4 Vadose		4	x	x	x		x					3.8	
13:34	4/29/25	Soil	1	Cell 5 Vadose		5	x	x	x		x					2.8	
13:07	4/29/25	Soil	1	Cell 6 Vadose		6	x	x	x		x					3.5	
12:07	4/29/25	Soil	1	Cell 7 Vadose		7	x	x	x		x					3.0	
16:00	4/29/25	Soil	1	Cell 8 Vadose		8	x	x	x		x					3.6	
15:30	4/29/25	Soil	1	Cell 9 Vadose		9	x	x	x		x					2.5	
14:02	4/29/25	Soil	1	Cell 10 Vadose		10	x	x	x		x					2.7	

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by:

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
	4/30/25	10:55 m		4.30.25	10:59

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6oC on subsequent days.

Lab Use Only

Received on ice: (Y) N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Chain of Custody

Client Information	Invoice Information	Lab Use Only	TAT	State
Client: TNT Environmental	Company: TNT Environmental	Lab WO# E504307	Job Number 17009.0004	1D 2D 3D Std: — — — x	NM CO UT TX: x
Project Name: TNT Landfarm - Vadose	Address: PO Box 3520			
Project Manager: Emilee Skyles	City, State, Zip:			
Address: 180 E 12th St	Phone:			
City, State, Zip: Durango, CO, 81301	mail:			
Phone: 970-946-9869	Miscellaneous:			
Email: lmnop.env@gmail.com				

Sample Information

Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Filtered	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005 - TX	RCRA 8 Metals		BGDOC - NM	BGDOC - TX		Sample Temp	Remarks
15:00	4/29/25	Soil	1	Cell 11 Vadose		11	x	x	x		x							3.1	
14:40	4/29/25	Soil	1	Cell 12 Vadose		12	x	x	x		x							3.4	
16:23	4/29/25	Soil	1	Cell 13 Vadose		13	x	x	x		x							4.0	
16:35	4/29/25	Soil	1	Cell 14 Vadose		14	x	x	x		x							3.8	

Analysis and Method

EPA Program

SDWA	CWA	RCRA

Compliance: Y or N

PWSID #

Additional Instructions:

I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Sampled by: [signature]

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
[signature]	4/30/25	10:59 am	[signature]	4.30.25	10.59
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time

Samples requiring thermal preservation must be received on ice the day they are sampled or received packed on ice at a temp above 0 but less than 6oC on subsequent days.

Lab Use Only

Received on ice: (Y) / N

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____

Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

Note: Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.

Envirotech Analytical Laboratory

Printed: 4/30/2025 11:22:36AM

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:	TNT Environmental	Date Received:	04/30/25 10:59	Work Order ID:	E504307
Phone:	(505) 860-6215	Date Logged In:	04/30/25 11:18	Logged In By:	Caitlin Mars
Email:	lmnop.env@gmail.com	Due Date:	05/07/25 17:00 (5 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	Carrier: Brian Skyles
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	Yes	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

Comments/Resolution

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? Note: Thermal preservation is not required, if samples are received within 15 minutes of sampling	Yes
13. See COC for individual sample temps. Samples outside of 0°C-6°C will be recorded in comments.	

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?	No

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

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

Date

envirotech Inc.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Action 485162

CONDITIONS

Operator: T-N-T ENVIRONMENTAL INC PO Box 2530 Farmington, NM 87499	OGRID: 22099
	Action Number: 485162
	Action Type: [C-137] Non-Fee SWMF Submittal (SWMF NON-FEE SUBMITTAL)

CONDITIONS

Created By	Condition	Condition Date
lbarr	Accepted for record.	11/7/2025