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**WALSH** ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting  
Lease Management  
Contract Pumping

332 RD 3100  
Aztec, New Mexico 87410  
(505) 327-4892 • Fax: (505) 327-9834

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August 29, 2023

New Mexico Oil Conservation Division (NMOCD)  
Attn: Brad Jones, Environmental Specialist  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

Re: Quarterly Vadose Monitoring  
T-N-T Environmental, Inc (OGRID 22099)  
Permit NM 1-008  
Location: SE/4 of Section 7 and SE/4 of Section 8 (3 evaporation ponds) and the SW/4 SE/4 and SE/4  
NW/4 of Section 5 and NE/4 NW/4 of 8 (Landfarm), Township 25 North, Range 3 West, NMPM, Rio  
Arriba County, New Mexico

Mr. Jones,

Walsh Engineering and Production on behalf of T-N-T Environmental, Inc., please find attached the  
Quarterly Vadose zone.

Please let me know if you have any questions.

Thank you,

Arleen Smith  
Regulatory Manager  
Walsh Engineering & Production  
505-215-6662  
[arleen@walsheng.net](mailto:arleen@walsheng.net)

TNT LANDFARM		fEEM0112335451	VADOSE		CELL #1
Laboratory Analysis Results					
		1 <sup>st</sup> VZ Sampling April 30, 2023	2 <sup>nd</sup> VZ Sampling July 31, 2023	3 <sup>rd</sup> VZ Sampling July 31, 2023	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO			20.0		
DRO			25.0		
ORO			50.0		
TOTAL TPH	2,500 mg	40.0	95.0		
BTEX 8021B					
Benzene	10 mg/kg	0.0250	0.0250		
Toluene		0.0250	0.0250		
Ethylbenzene		0.0250	0.0250		
Total Xylenes		0.0250	0.0250		
Total BTEX	50 mg/kg	0.0250	0.0250		
Chloride	500 mg				
METALS					
Arsenic		0.500			
Barium		80.4			
Cadmium		0.425			
Chromium		19.1			
Calcium		4050			
Iron		14500			
Lead		2.89			
Magnesium		4020			
Selenium		1.25			
Silver		0.250			
Potassium		1430			
Sodium		223			
Mercury		20.0			
ANIONS					
Fluoride		3.41			
Chloride		29.6			
Nitrite-N		2.50			
Nitrate-N		2.50			
o-Phosphate-P		2.50			
Sulfate		177			
ABBREVIATIONS					
mg/kg – milligrams/kilogram			GRO – Gasoline Range Organics		
TPH – Total Petroleum Hydrocarbons			DRO – Diesel Range Organics		
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes			ORO – Oil Range Organics		



TNT LANDFARM		fEEM0112335451		VADOSE		CELL #2	
Laboratory Analysis Results							
		1 <sup>st</sup> VZ Sampling April 30, 2023	2 <sup>nd</sup> VZ Sampling July 31, 2023	3 <sup>rd</sup> VZ Sampling July 31, 2023	5-year VZ Monitoring		
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS		
TPH 8015							
GRO			20.0				
DRO			25.0				
ORO			50.0				
TOTAL TPH	2,500 mg	40.0	95.0				
BTEX 8021B							
Benzene	10 mg/kg	0.0250	0.0250				
Toluene		0.0250	0.0250				
Ethylbenzene		0.0250	0.0250				
Total Xylenes		0.0250	0.0250				
Total BTEX	50 mg/kg	0.1	0.1				
Chloride	500 mg						
METALS							
Arsenic		0.838					
Barium		86.4					
Cadmium		0.250					
Chromium		12.0					
Calcium		5870					
Iron		9750					
Lead		1.87					
Magnesium		2250					
Selenium		1.25					
Silver		0.250					
Potassium		620					
Sodium		128					
Mercury		20.0					
ANIONS							
Fluoride		2.50					
Chloride		32.3					
Nitrite-N		2.50					
Nitrate-N		2.50					
o-Phosphate-P		2.50					
Sulfate		202					
ABBREVIATIONS							
mg/kg – milligrams/kilogram				GRO – Gasoline Range Organics			
TPH – Total Petroleum Hydrocarbons				DRO – Diesel Range Organics			
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes				ORO – Oil Range Organics			

TNT LANDFARM		fEEM0112335451		VADOSE	CELL #3
Laboratory Analysis Results					
		1 <sup>st</sup> VZ Sampling April 30, 2023	2 <sup>nd</sup> VZ Sampling July 31, 2023	3 <sup>rd</sup> VZ Sampling July 31, 2023	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO			20.0		
DRO			25.0		
ORO			50.0		
TOTAL TPH	2,500 mg		95.0		
BTEX 8021B					
Benzene	10 mg/kg		0.0250		
Toluene			0.0250		
Ethylbenzene			0.0250		
Total Xylenes			0.0250		
Total BTEX	50 mg/kg		0.0250		
Chloride	500 mg				
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram		GRO – Gasoline Range Organics			
TPH – Total Petroleum Hydrocarbons		DRO – Diesel Range Organics			
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes		ORO – Oil Range Organics			



TNT LANDFARM		FEEM0112335451		VADOSE	CELL #4
Laboratory Analysis Results					
		1 <sup>st</sup> VZ Sampling April 30, 2023	2 <sup>nd</sup> VZ Sampling July 31, 2023	3 <sup>rd</sup> VZ Sampling July 31, 2023	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO			20.0		
DRO			25.0		
ORO			50.0		
TOTAL TPH	2,500 mg		95.0		
BTEX 8021B					
Benzene	10 mg/kg		0.0250		
Toluene			0.0250		
Ethylbenzene			0.0250		
Total Xylenes			0.0250		
Total BTEX	50 mg/kg		0.1		
Chloride	500 mg				
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram		GRO – Gasoline Range Organics			
TPH – Total Petroleum Hydrocarbons		DRO – Diesel Range Organics			
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes		ORO – Oil Range Organics			

TNT LANDFARM		fEEM0112335451		VADOSE	CELL #5
Laboratory Analysis Results					
		1 <sup>st</sup> VZ Sampling April 30, 2023	2 <sup>nd</sup> VZ Sampling July 31, 2023	3 <sup>rd</sup> VZ Sampling July 31, 2023	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO			20.0		
DRO			69.2		
ORO			90.5		
TOTAL TPH	2,500 mg		179.7		
BTEX 8021B					
Benzene	10 mg/kg		0.0250		
Toluene			0.0250		
Ethylbenzene			0.0250		
Total Xylenes			0.0250		
Total BTEX	50 mg/kg		0.1		
Chloride	500 mg				
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram		GRO – Gasoline Range Organics			
TPH – Total Petroleum Hydrocarbons		DRO – Diesel Range Organics			
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes		ORO – Oil Range Organics			



TNT LANDFARM		fEEM0112335451		VADOSE	CELL #6
Laboratory Analysis Results					
		1 <sup>st</sup> VZ Sampling April 30, 2023	2 <sup>nd</sup> VZ Sampling July 31, 2023	3 <sup>rd</sup> VZ Sampling July 31, 2023	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO			20.0		
DRO			25.0		
ORO			50.0		
TOTAL TPH	2,500 mg		95.0		
BTEX 8021B					
Benzene	10 mg/kg		0.0250		
Toluene			0.0250		
Ethylbenzene			0.0250		
Total Xylenes			0.0250		
Total BTEX	50 mg/kg		0.1		
Chloride	500 mg				
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram		GRO – Gasoline Range Organics			
TPH – Total Petroleum Hydrocarbons		DRO – Diesel Range Organics			
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes		ORO – Oil Range Organics			

TNT LANDFARM		fEEM0112335451		VADOSE	CELL #7
Laboratory Analysis Results					
		1 <sup>st</sup> VZ Sampling April 30, 2023	2 <sup>nd</sup> VZ Sampling July 31, 2023	3 <sup>rd</sup> VZ Sampling July 31, 2023	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO			20.0		
DRO			67.3		
ORO			67.4		
TOTAL TPH	2,500 mg		154.7		
BTEX 8021B					
Benzene	10 mg/kg		0.0250		
Toluene			0.0250		
Ethylbenzene			0.0250		
Total Xylenes			0.0250		
Total BTEX	50 mg/kg		0.1		
Chloride	500 mg				
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram		GRO – Gasoline Range Organics			
TPH – Total Petroleum Hydrocarbons		DRO – Diesel Range Organics			
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes		ORO – Oil Range Organics			



TNT LANDFARM		fEEM0112335451		VADOSE	CELL #8
Laboratory Analysis Results					
		1 <sup>st</sup> VZ Sampling April 30, 2023	2 <sup>nd</sup> VZ Sampling July 31, 2023	3 <sup>rd</sup> VZ Sampling July 31, 2023	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO			20.0		
DRO			25.0		
ORO			50.0		
TOTAL TPH	2,500 mg		95.0		
BTEX 8021B					
Benzene	10 mg/kg		0.0250		
Toluene			0.0250		
Ethylbenzene			0.0250		
Total Xylenes			0.0250		
Total BTEX	50 mg/kg		0.1		
Chloride	500 mg				
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram		GRO – Gasoline Range Organics			
TPH – Total Petroleum Hydrocarbons		DRO – Diesel Range Organics			
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes		ORO – Oil Range Organics			

TNT LANDFARM		fEEM0112335451		VADOSE	CELL #9
Laboratory Analysis Results					
		1 <sup>st</sup> VZ Sampling April 30, 2023	2 <sup>nd</sup> VZ Sampling July 31, 2023	3 <sup>rd</sup> VZ Sampling July 31, 2023	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO			20.0		
DRO			25.0		
ORO			50.0		
TOTAL TPH	2,500 mg		95.0		
BTEX 8021B					
Benzene	10 mg/kg		0.0250		
Toluene			0.0250		
Ethylbenzene			0.0250		
Total Xylenes			0.0250		
Total BTEX	50 mg/kg		0.1		
Chloride	500 mg				
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram		GRO – Gasoline Range Organics			
TPH – Total Petroleum Hydrocarbons		DRO – Diesel Range Organics			
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes		ORO – Oil Range Organics			



TNT LANDFARM		fEEM0112335451		VADOSE	CELL #10
Laboratory Analysis Results					
		1 <sup>st</sup> VZ Sampling April 30, 2023	2 <sup>nd</sup> VZ Sampling July 31, 2023	3 <sup>rd</sup> VZ Sampling July 31, 2023	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO			20.0		
DRO			25.0		
ORO			50.0		
TOTAL TPH	2,500 mg		95.0		
BTEX 8021B					
Benzene	10 mg/kg		0.0250		
Toluene			0.0250		
Ethylbenzene			0.0250		
Total Xylenes			0.0250		
Total BTEX	50 mg/kg		0.1		
Chloride	500 mg				
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram		GRO – Gasoline Range Organics			
TPH – Total Petroleum Hydrocarbons		DRO – Diesel Range Organics			
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes		ORO – Oil Range Organics			

TNT LANDFARM		fEEM0112335451		VADOSE	CELL #11
Laboratory Analysis Results					
		1 <sup>st</sup> VZ Sampling April 30, 2023	2 <sup>nd</sup> VZ Sampling July 31, 2023	3 <sup>rd</sup> VZ Sampling July 31, 2023	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO			20.0		
DRO			123		
ORO			50.0		
TOTAL TPH	2,500 mg		193		
BTEX 8021B					
Benzene	10 mg/kg		0.0250		
Toluene			0.0250		
Ethylbenzene			0.0250		
Total Xylenes			0.0250		
Total BTEX	50 mg/kg		0.1		
Chloride	500 mg				
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram		GRO – Gasoline Range Organics			
TPH – Total Petroleum Hydrocarbons		DRO – Diesel Range Organics			
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes		ORO – Oil Range Organics			

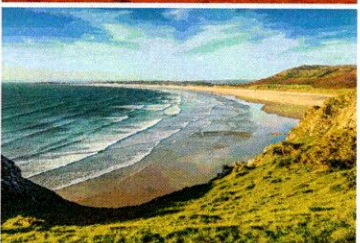
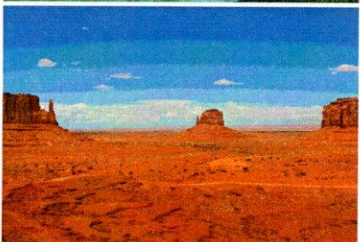
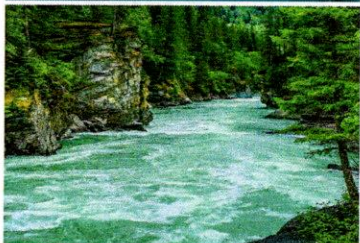
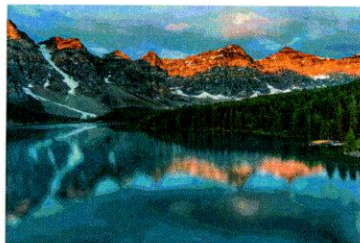


TNT LANDFARM		fEEM0112335451		VADOSE	CELL #12
Laboratory Analysis Results					
		1 <sup>st</sup> VZ Sampling April 30, 2023	2 <sup>nd</sup> VZ Sampling July 31, 2023	3 <sup>rd</sup> VZ Sampling July 31, 2023	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO			20.0		
DRO			25.0		
ORO			50.0		
TOTAL TPH	2,500 mg		95.0		
BTEX 8021B					
Benzene	10 mg/kg		0.0250		
Toluene			0.0250		
Ethylbenzene			0.0250		
Total Xylenes			0.0250		
Total BTEX	50 mg/kg		0.1		
Chloride	500 mg				
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram		GRO – Gasoline Range Organics			
TPH – Total Petroleum Hydrocarbons		DRO – Diesel Range Organics			
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes		ORO – Oil Range Organics			

TNT LANDFARM		fEEM0112335451		VADOSE	CELL #13
Laboratory Analysis Results					
		1 <sup>st</sup> VZ Sampling April 30, 2023	2 <sup>nd</sup> VZ Sampling July 31, 2023	3 <sup>rd</sup> VZ Sampling July 31, 2023	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO			20.0		
DRO			25.0		
ORO			50.0		
TOTAL TPH	2,500 mg		95.0		
BTEX 8021B					
Benzene	10 mg/kg		0.0250		
Toluene			0.0250		
Ethylbenzene			0.0250		
Total Xylenes			0.0250		
Total BTEX	50 mg/kg		0.1		
Chloride	500 mg				
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram		GRO – Gasoline Range Organics			
TPH – Total Petroleum Hydrocarbons		DRO – Diesel Range Organics			
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes		ORO – Oil Range Organics			



Report to:  
Clay Green



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: Landfarm

Work Order: E305002

Job Number: 17009-C-0001

Received: 4/27/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/10/23

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: 5/10/23

Clay Green  
PO Box 2530  
Farmington, NM 87499



Project Name: Landfarm  
Workorder: E305002  
Date Received: 4/27/2023 4:00:00PM

Clay Green,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/27/2023 4:00:00PM, under the Project Name: Landfarm.

The analytical test results summarized in this report with the Project Name: Landfarm 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  
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**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  
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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)



## Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: Landfarm Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 5/10/2023 3:48:19PM
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## Vadose Cell 1

E305002-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: IY	Batch: 2318031	
Benzene	ND	0.0250	1	05/02/23	05/04/23	
Ethylbenzene	ND	0.0250	1	05/02/23	05/04/23	
Toluene	ND	0.0250	1	05/02/23	05/04/23	
o-Xylene	ND	0.0250	1	05/02/23	05/04/23	
p,m-Xylene	ND	0.0500	1	05/02/23	05/04/23	
Total Xylenes	ND	0.0250	1	05/02/23	05/04/23	
Surrogate: Bromofluorobenzene		103 %	70-130	05/02/23	05/04/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	05/02/23	05/04/23	
Surrogate: Toluene-d8		101 %	70-130	05/02/23	05/04/23	
<b>Total Metals by EPA 6010C</b>		mg/kg	mg/kg	Analyst: RKS	Batch: 2318077	
Arsenic	ND	0.500	1	05/08/23	05/08/23	
Barium	80.4	6.25	1	05/08/23	05/08/23	
Cadmium	0.425	0.250	1	05/08/23	05/08/23	
Chromium	19.1	0.500	1	05/08/23	05/08/23	
Calcium	4050	25.0	1	05/08/23	05/08/23	
Lead	2.89	0.250	1	05/08/23	05/08/23	
Iron	14500	50.0	1	05/08/23	05/08/23	
Magnesium	4020	25.0	1	05/08/23	05/08/23	
Selenium	ND	1.25	1	05/08/23	05/08/23	
Silver	ND	0.250	1	05/08/23	05/08/23	
Potassium	1430	25.0	1	05/08/23	05/08/23	
Sodium	223	50.0	1	05/08/23	05/08/23	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: BA	Batch: 2318028	
Fluoride	3.41	2.50	1	05/02/23	05/03/23	
Chloride	29.6	20.0	1	05/02/23	05/03/23	
Nitrite-N	ND	2.50	1	05/02/23	05/03/23	
Nitrate-N	ND	2.50	1	05/02/23	05/03/23	
o-Phosphate-P	ND	2.50	1	05/02/23	05/03/23	
Sulfate	177	20.0	1	05/02/23	05/03/23	



## Sample Data

TNT Environmental	Project Name:	Landfarm	
PO Box 2530	Project Number:	17009-C-0001	Reported:
Farmington NM, 87499	Project Manager:	Clay Green	5/10/2023 3:48:19PM

## Vadose Cell 1

E305002-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Total Petroleum Hydrocarbons by EPA 418.1</b>	mg/kg	mg/kg	Analyst: JL			Batch: 2319004
Total Petroleum Hydrocarbons	ND	40.0	1	05/08/23	05/08/23	
<b>Total Mercury by EPA 7471B</b>	ug/kg	ug/kg	Analyst: RKS			Batch: 2318078
Mercury	ND	20.0	1	05/08/23	05/08/23	





## Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: Landfarm Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 5/10/2023 3:48:19PM
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## Vadose Cell 2

E305002-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2318031	
Benzene	ND	0.0250	1	05/02/23	05/04/23	
Ethylbenzene	ND	0.0250	1	05/02/23	05/04/23	
Toluene	ND	0.0250	1	05/02/23	05/04/23	
o-Xylene	ND	0.0250	1	05/02/23	05/04/23	
p,m-Xylene	ND	0.0500	1	05/02/23	05/04/23	
Total Xylenes	ND	0.0250	1	05/02/23	05/04/23	
Surrogate: Bromofluorobenzene	99.7 %	70-130		05/02/23	05/04/23	
Surrogate: 1,2-Dichloroethane-d4	96.4 %	70-130		05/02/23	05/04/23	
Surrogate: Toluene-d8	102 %	70-130		05/02/23	05/04/23	
<b>Total Metals by EPA 6010C</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2318077	
Arsenic	0.838	0.500	1	05/08/23	05/08/23	
Barium	86.4	6.25	1	05/08/23	05/08/23	
Cadmium	ND	0.250	1	05/08/23	05/08/23	
Chromium	12.0	0.500	1	05/08/23	05/08/23	
Calcium	5870	25.0	1	05/08/23	05/08/23	
Lead	1.87	0.250	1	05/08/23	05/08/23	
Iron	9750	50.0	1	05/08/23	05/08/23	
Magnesium	2250	25.0	1	05/08/23	05/08/23	
Selenium	ND	1.25	1	05/08/23	05/08/23	
Silver	ND	0.250	1	05/08/23	05/08/23	
Potassium	620	25.0	1	05/08/23	05/08/23	
Sodium	128	50.0	1	05/08/23	05/08/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2318028	
Fluoride	ND	2.50	1	05/02/23	05/03/23	
Chloride	32.3	20.0	1	05/02/23	05/03/23	
Nitrite-N	ND	2.50	1	05/02/23	05/03/23	
Nitrate-N	ND	2.50	1	05/02/23	05/03/23	
o-Phosphate-P	ND	2.50	1	05/02/23	05/03/23	
Sulfate	202	20.0	1	05/02/23	05/03/23	



## Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: Landfarm Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 5/10/2023 3:48:19PM
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## Vadose Cell 2

E305002-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Total Petroleum Hydrocarbons by EPA 418.1</b>	mg/kg	mg/kg	Analyst: JL			Batch: 2319004
Total Petroleum Hydrocarbons	ND	40.0	1	05/08/23	05/08/23	
<b>Total Mercury by EPA 7471B</b>	ug/kg	ug/kg	Analyst: RKS			Batch: 2318078
Mercury	ND	20.0	1	05/08/23	05/08/23	





Report to:  
Clay Green



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### TNT Environmental

Project Name: TNT Landfarm

Work Order: E307095

Job Number: 17009-C-0001

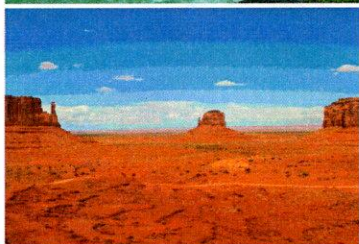
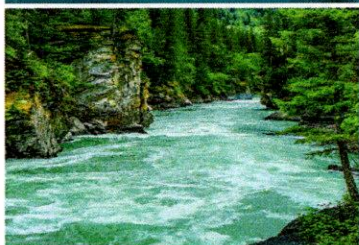
Received: 7/20/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/27/23

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.



5796 U.S. Hwy 64  
Farmington, NM 87401

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



Date Reported: 7/27/23

Clay Green  
PO Box 2530  
Farmington, NM 87499



Project Name: TNT Landfarm  
Workorder: E307095  
Date Received: 7/20/2023 1:40:00PM

Clay Green,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/20/2023 1:40:00PM, under the Project Name: TNT Landfarm.

The analytical test results summarized in this report with the Project Name: TNT Landfarm 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**  
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**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

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

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## Sample Summary

TNT Environmental	Project Name:	TNT Landfarm	Reported:
PO Box 2530	Project Number:	17009-C-0001	
Farmington NM, 87499	Project Manager:	Clay Green	07/27/23 13:30

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Cell 3 Vadose	E307095-01A	Soil	07/20/23	07/20/23	Glass Jar, 4 oz.
Cell 4 Vadose	E307095-02A	Soil	07/20/23	07/20/23	Glass Jar, 4 oz.
Cell 5 Vadose	E307095-03A	Soil	07/20/23	07/20/23	Glass Jar, 4 oz.
Cell 6 Vadose	E307095-04A	Soil	07/20/23	07/20/23	Glass Jar, 4 oz.
Cell 7 Vadose	E307095-05A	Soil	07/20/23	07/20/23	Glass Jar, 4 oz.
Cell 10 Vadose	E307095-06A	Soil	07/20/23	07/20/23	Glass Jar, 4 oz.
Cell 12 Vadose	E307095-07A	Soil	07/20/23	07/20/23	Glass Jar, 4 oz.
Cell 11 Vadose	E307095-08A	Soil	07/20/23	07/20/23	Glass Jar, 4 oz.
Cell 8 Vadose	E307095-09A	Soil	07/20/23	07/20/23	Glass Jar, 2 oz.
Cell 9 Vadose	E307095-10A	Soil	07/20/23	07/20/23	Glass Jar, 4 oz.
Cell 13 Vadose	E307095-11A	Soil	07/20/23	07/20/23	Glass Jar, 4 oz.
Cell 14 Vadose	E307095-12A	Soil	07/20/23	07/20/23	Glass Jar, 4 oz.
Cell 1 Vadose	E307095-13A	Soil	07/20/23	07/20/23	Glass Jar, 4 oz.
Cell 2 Vadose	E307095-14A	Soil	07/20/23	07/20/23	Glass Jar, 4 oz.



## Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: TNT Landfarm Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 7/27/2023 1:30:01PM
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## Cell 3 Vadose

E307095-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2329067
Benzene	ND	0.0250	1	07/20/23	07/21/23	
Ethylbenzene	ND	0.0250	1	07/20/23	07/21/23	
Toluene	ND	0.0250	1	07/20/23	07/21/23	
o-Xylene	ND	0.0250	1	07/20/23	07/21/23	
p,m-Xylene	ND	0.0500	1	07/20/23	07/21/23	
Total Xylenes	ND	0.0250	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	07/20/23	07/21/23	
Surrogate: Toluene-d8		99.7 %	70-130	07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2329067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	07/20/23	07/21/23	
Surrogate: Toluene-d8		99.7 %	70-130	07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2330034
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/23	07/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/23	07/26/23	
Surrogate: n-Nonane		109 %	50-200	07/25/23	07/26/23	



## Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: TNT Landfarm Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 7/27/2023 1:30:01PM
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## Cell 4 Vadose

E307095-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2329067
Benzene	ND	0.0250	1	07/20/23	07/21/23	
Ethylbenzene	ND	0.0250	1	07/20/23	07/21/23	
Toluene	ND	0.0250	1	07/20/23	07/21/23	
o-Xylene	ND	0.0250	1	07/20/23	07/21/23	
p,m-Xylene	ND	0.0500	1	07/20/23	07/21/23	
Total Xylenes	ND	0.0250	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene		103 %	70-130	07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	07/20/23	07/21/23	
Surrogate: Toluene-d8		100 %	70-130	07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2329067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene		103 %	70-130	07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4		97.7 %	70-130	07/20/23	07/21/23	
Surrogate: Toluene-d8		100 %	70-130	07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2330034
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/23	07/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/23	07/26/23	
Surrogate: n-Nonane		109 %	50-200	07/25/23	07/26/23	





## Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: TNT Landfarm Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 7/27/2023 1:30:01PM
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## Cell 5 Vadose

E307095-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2329067
Benzene	ND	0.0250	1	07/20/23	07/21/23	
Ethylbenzene	ND	0.0250	1	07/20/23	07/21/23	
Toluene	ND	0.0250	1	07/20/23	07/21/23	
o-Xylene	ND	0.0250	1	07/20/23	07/21/23	
p,m-Xylene	ND	0.0500	1	07/20/23	07/21/23	
Total Xylenes	ND	0.0250	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	07/20/23	07/21/23	
Surrogate: Toluene-d8		99.3 %	70-130	07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2329067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	07/20/23	07/21/23	
Surrogate: Toluene-d8		99.3 %	70-130	07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL		Batch: 2330034
Diesel Range Organics (C10-C28)	69.2	25.0	1	07/25/23	07/26/23	
Oil Range Organics (C28-C36)	90.5	50.0	1	07/25/23	07/26/23	
Surrogate: n-Nonane		118 %	50-200	07/25/23	07/26/23	



## Sample Data

TNT Environmental	Project Name:	TNT Landfarm	Reported:
PO Box 2530	Project Number:	17009-C-0001	7/27/2023 1:30:01PM
Farmington NM, 87499	Project Manager:	Clay Green	

## Cell 6 Vadose

E307095-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: RKS	Batch: 2329067	
Benzene	ND	0.0250	1	07/20/23	07/21/23	
Ethylbenzene	ND	0.0250	1	07/20/23	07/21/23	
Toluene	ND	0.0250	1	07/20/23	07/21/23	
o-Xylene	ND	0.0250	1	07/20/23	07/21/23	
p,m-Xylene	ND	0.0500	1	07/20/23	07/21/23	
Total Xylenes	ND	0.0250	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene	105 %	70-130		07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		07/20/23	07/21/23	
Surrogate: Toluene-d8	102 %	70-130		07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: RKS	Batch: 2329067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene	105 %	70-130		07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		07/20/23	07/21/23	
Surrogate: Toluene-d8	102 %	70-130		07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL	Batch: 2330034	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/23	07/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/23	07/26/23	
Surrogate: n-Nonane	109 %	50-200		07/25/23	07/26/23	



## Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: TNT Landfarm Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 7/27/2023 1:30:01PM
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## Cell 7 Vadose

E307095-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2329067
Benzene	ND	0.0250	1	07/20/23	07/21/23	
Ethylbenzene	ND	0.0250	1	07/20/23	07/21/23	
Toluene	ND	0.0250	1	07/20/23	07/21/23	
o-Xylene	ND	0.0250	1	07/20/23	07/21/23	
p,m-Xylene	ND	0.0500	1	07/20/23	07/21/23	
Total Xylenes	ND	0.0250	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/20/23	07/21/23	
Surrogate: Toluene-d8		100 %	70-130	07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2329067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/20/23	07/21/23	
Surrogate: Toluene-d8		100 %	70-130	07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2330034
Diesel Range Organics (C10-C28)	67.3	25.0	1	07/25/23	07/26/23	
Oil Range Organics (C28-C36)	67.4	50.0	1	07/25/23	07/26/23	
Surrogate: n-Nonane		114 %	50-200	07/25/23	07/26/23	





## Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: TNT Landfarm Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 7/27/2023 1:30:01PM
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## Cell 10 Vadose

E307095-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2329067
Benzene	ND	0.0250	1	07/20/23	07/21/23	
Ethylbenzene	ND	0.0250	1	07/20/23	07/21/23	
Toluene	ND	0.0250	1	07/20/23	07/21/23	
o-Xylene	ND	0.0250	1	07/20/23	07/21/23	
p,m-Xylene	ND	0.0500	1	07/20/23	07/21/23	
Total Xylenes	ND	0.0250	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene	105 %	70-130		07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		07/20/23	07/21/23	
Surrogate: Toluene-d8	99.7 %	70-130		07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2329067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene	105 %	70-130		07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		07/20/23	07/21/23	
Surrogate: Toluene-d8	99.7 %	70-130		07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL		Batch: 2330034
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/23	07/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/23	07/26/23	
Surrogate: n-Nonane	116 %	50-200		07/25/23	07/26/23	



## Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: TNT Landfarm Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 7/27/2023 1:30:01PM
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## Cell 12 Vadose

E307095-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: RKS	Batch: 2329067	
Benzene	ND	0.0250	1	07/20/23	07/21/23	
Ethylbenzene	ND	0.0250	1	07/20/23	07/21/23	
Toluene	ND	0.0250	1	07/20/23	07/21/23	
o-Xylene	ND	0.0250	1	07/20/23	07/21/23	
p,m-Xylene	ND	0.0500	1	07/20/23	07/21/23	
Total Xylenes	ND	0.0250	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene		107 %	70-130	07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	07/20/23	07/21/23	
Surrogate: Toluene-d8		101 %	70-130	07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: RKS	Batch: 2329067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene		107 %	70-130	07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	07/20/23	07/21/23	
Surrogate: Toluene-d8		101 %	70-130	07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL	Batch: 2330034	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/23	07/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/23	07/26/23	
Surrogate: n-Nonane		119 %	50-200	07/25/23	07/26/23	



## Sample Data

TNT Environmental	Project Name:	TNT Landfarm	
PO Box 2530	Project Number:	17009-C-0001	<b>Reported:</b>
Farmington NM, 87499	Project Manager:	Clay Green	7/27/2023 1:30:01PM

## Cell 11 Vadose

E307095-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329067
Benzene	ND	0.0250	1	07/20/23	07/21/23	
Ethylbenzene	ND	0.0250	1	07/20/23	07/21/23	
Toluene	ND	0.0250	1	07/20/23	07/21/23	
o-Xylene	ND	0.0250	1	07/20/23	07/21/23	
p,m-Xylene	ND	0.0500	1	07/20/23	07/21/23	
Total Xylenes	ND	0.0250	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene		107 %	70-130	07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	07/20/23	07/21/23	
Surrogate: Toluene-d8		99.3 %	70-130	07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg		Analyst: RKS		Batch: 2329067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene		107 %	70-130	07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4		98.5 %	70-130	07/20/23	07/21/23	
Surrogate: Toluene-d8		99.3 %	70-130	07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg		Analyst: JL		Batch: 2330034
Diesel Range Organics (C10-C28)	123	25.0	1	07/25/23	07/26/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/23	07/26/23	
Surrogate: n-Nonane		114 %	50-200	07/25/23	07/26/23	





## Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: TNT Landfarm Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 7/27/2023 1:30:01PM
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## Cell 8 Vadose

E307095-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: RKS	Batch: 2329067	
Benzene	ND	0.0250	1	07/20/23	07/21/23	
Ethylbenzene	ND	0.0250	1	07/20/23	07/21/23	
Toluene	ND	0.0250	1	07/20/23	07/21/23	
o-Xylene	ND	0.0250	1	07/20/23	07/21/23	
p,m-Xylene	ND	0.0500	1	07/20/23	07/21/23	
Total Xylenes	ND	0.0250	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	07/20/23	07/21/23	
Surrogate: Toluene-d8		101 %	70-130	07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: RKS	Batch: 2329067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4		99.2 %	70-130	07/20/23	07/21/23	
Surrogate: Toluene-d8		101 %	70-130	07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL	Batch: 2330034	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/23	07/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/23	07/27/23	
Surrogate: n-Nonane		115 %	50-200	07/25/23	07/27/23	



## Sample Data

TNT Environmental	Project Name:	TNT Landfarm	Reported:
PO Box 2530	Project Number:	17009-C-0001	7/27/2023 1:30:01PM
Farmington NM, 87499	Project Manager:	Clay Green	

## Cell 9 Vadose

E307095-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2329067
Benzene	ND	0.0250	1	07/20/23	07/21/23	
Ethylbenzene	ND	0.0250	1	07/20/23	07/21/23	
Toluene	ND	0.0250	1	07/20/23	07/21/23	
o-Xylene	ND	0.0250	1	07/20/23	07/21/23	
p,m-Xylene	ND	0.0500	1	07/20/23	07/21/23	
Total Xylenes	ND	0.0250	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	07/20/23	07/21/23	
Surrogate: Toluene-d8		100 %	70-130	07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2329067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	07/20/23	07/21/23	
Surrogate: Toluene-d8		100 %	70-130	07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL		Batch: 2330034
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/23	07/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/23	07/27/23	
Surrogate: n-Nonane		115 %	50-200	07/25/23	07/27/23	



## Sample Data

TNT Environmental	Project Name:	TNT Landfarm	Reported:
PO Box 2530	Project Number:	17009-C-0001	7/27/2023 1:30:01PM
Farmington NM, 87499	Project Manager:	Clay Green	

## Cell 13 Vadose

## E307095-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: RKS	Batch: 2329067	
Benzene	ND	0.0250	1	07/20/23	07/21/23	
Ethylbenzene	ND	0.0250	1	07/20/23	07/21/23	
Toluene	ND	0.0250	1	07/20/23	07/21/23	
o-Xylene	ND	0.0250	1	07/20/23	07/21/23	
p,m-Xylene	ND	0.0500	1	07/20/23	07/21/23	
Total Xylenes	ND	0.0250	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene	103 %	70-130		07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		07/20/23	07/21/23	
Surrogate: Toluene-d8	99.3 %	70-130		07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: RKS	Batch: 2329067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/23	07/21/23	
Surrogate: Bromofluorobenzene	103 %	70-130		07/20/23	07/21/23	
Surrogate: 1,2-Dichloroethane-d4	99.9 %	70-130		07/20/23	07/21/23	
Surrogate: Toluene-d8	99.3 %	70-130		07/20/23	07/21/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL	Batch: 2330034	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/23	07/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/23	07/27/23	
Surrogate: n-Nonane	112 %	50-200		07/25/23	07/27/23	





## Sample Data

TNT Environmental	Project Name:	TNT Landfarm	Reported: 7/27/2023 1:30:01PM
PO Box 2530	Project Number:	17009-C-0001	
Farmington NM, 87499	Project Manager:	Clay Green	

## Cell 14 Vadose

E307095-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2329067
Benzene	ND	0.0250	1	07/20/23	07/22/23	
Ethylbenzene	ND	0.0250	1	07/20/23	07/22/23	
Toluene	ND	0.0250	1	07/20/23	07/22/23	
o-Xylene	ND	0.0250	1	07/20/23	07/22/23	
p,m-Xylene	ND	0.0500	1	07/20/23	07/22/23	
Total Xylenes	ND	0.0250	1	07/20/23	07/22/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/20/23	07/22/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	07/20/23	07/22/23	
Surrogate: Toluene-d8		99.6 %	70-130	07/20/23	07/22/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2329067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/23	07/22/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/20/23	07/22/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	07/20/23	07/22/23	
Surrogate: Toluene-d8		99.6 %	70-130	07/20/23	07/22/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2330034
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/23	07/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/23	07/27/23	
Surrogate: n-Nonane		119 %	50-200	07/25/23	07/27/23	



## Sample Data

TNT Environmental	Project Name:	TNT Landfarm	<b>Reported:</b> 7/27/2023 1:30:01PM
PO Box 2530	Project Number:	17009-C-0001	
Farmington NM, 87499	Project Manager:	Clay Green	

## Cell 1 Vadose

E307095-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2329067
Benzene	ND	0.0250	1	07/20/23	07/22/23	
Ethylbenzene	ND	0.0250	1	07/20/23	07/22/23	
Toluene	ND	0.0250	1	07/20/23	07/22/23	
o-Xylene	ND	0.0250	1	07/20/23	07/22/23	
p,m-Xylene	ND	0.0500	1	07/20/23	07/22/23	
Total Xylenes	ND	0.0250	1	07/20/23	07/22/23	
Surrogate: Bromofluorobenzene	106 %	70-130		07/20/23	07/22/23	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		07/20/23	07/22/23	
Surrogate: Toluene-d8	100 %	70-130		07/20/23	07/22/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: RKS		Batch: 2329067
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/23	07/22/23	
Surrogate: Bromofluorobenzene	106 %	70-130		07/20/23	07/22/23	
Surrogate: 1,2-Dichloroethane-d4	99.0 %	70-130		07/20/23	07/22/23	
Surrogate: Toluene-d8	100 %	70-130		07/20/23	07/22/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL		Batch: 2330034
Diesel Range Organics (C10-C28)	ND	25.0	1	07/25/23	07/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/23	07/27/23	
Surrogate: n-Nonane	107 %	50-200		07/25/23	07/27/23	



## Sample Data

TNT Environmental	Project Name:	TNT Landfarm	Reported:
PO Box 2530	Project Number:	17009-C-0001	7/27/2023 1:30:01PM
Farmington NM, 87499	Project Manager:	Clay Green	

## Cell 2 Vadose

E307095-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		mg/kg	mg/kg	Analyst: RKS	Batch: 2329067	
Benzene	ND	0.0250	1	07/20/23	07/22/23	
Ethylbenzene	ND	0.0250	1	07/20/23	07/22/23	
Toluene	ND	0.0250	1	07/20/23	07/22/23	
o-Xylene	ND	0.0250	1	07/20/23	07/22/23	
p,m-Xylene	ND	0.0500	1	07/20/23	07/22/23	
Total Xylenes	ND	0.0250	1	07/20/23	07/22/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/20/23	07/22/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	07/20/23	07/22/23	
Surrogate: Toluene-d8		100 %	70-130	07/20/23	07/22/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: RKS	Batch: 2329067	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/20/23	07/22/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/20/23	07/22/23	
Surrogate: 1,2-Dichloroethane-d4		96.4 %	70-130	07/20/23	07/22/23	
Surrogate: Toluene-d8		100 %	70-130	07/20/23	07/22/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL	Batch: 2330034	
Diesel Range Organics (C10-C28)	36.6	25.0	1	07/25/23	07/27/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/25/23	07/27/23	
Surrogate: n-Nonane		111 %	50-200	07/25/23	07/27/23	





## QC Summary Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: TNT Landfarm Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 7/27/2023 1:30:01PM
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## Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2329067-BLK1)

Prepared: 07/20/23 Analyzed: 07/21/23

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: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

## LCS (2329067-BS1)

Prepared: 07/20/23 Analyzed: 07/21/23

Benzene	2.40	0.0250	2.50		95.9	70-130			
Ethylbenzene	2.33	0.0250	2.50		93.4	70-130			
Toluene	2.28	0.0250	2.50		91.0	70-130			
o-Xylene	2.30	0.0250	2.50		92.2	70-130			
p,m-Xylene	4.54	0.0500	5.00		90.9	70-130			
Total Xylenes	6.85	0.0250	7.50		91.3	70-130			
Surrogate: Bromofluorobenzene	0.511		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.498		0.500		99.6	70-130			
Surrogate: Toluene-d8	0.489		0.500		97.7	70-130			

## Matrix Spike (2329067-MS1)

Source: E307095-05

Prepared: 07/20/23 Analyzed: 07/21/23

Benzene	2.64	0.0250	2.50	ND	106	48-131			
Ethylbenzene	2.62	0.0250	2.50	ND	105	45-135			
Toluene	2.56	0.0250	2.50	ND	102	48-130			
o-Xylene	2.61	0.0250	2.50	ND	104	43-135			
p,m-Xylene	5.12	0.0500	5.00	ND	102	43-135			
Total Xylenes	7.74	0.0250	7.50	ND	103	43-135			
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			

## Matrix Spike Dup (2329067-MSD1)

Source: E307095-05

Prepared: 07/20/23 Analyzed: 07/21/23

Benzene	2.38	0.0250	2.50	ND	95.2	48-131	10.4	23	
Ethylbenzene	2.32	0.0250	2.50	ND	93.0	45-135	12.0	27	
Toluene	2.28	0.0250	2.50	ND	91.2	48-130	11.6	24	
o-Xylene	2.37	0.0250	2.50	ND	94.6	43-135	9.89	27	
p,m-Xylene	4.62	0.0500	5.00	ND	92.5	43-135	10.3	27	
Total Xylenes	6.99	0.0250	7.50	ND	93.2	43-135	10.2	27	
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.4	70-130			



## QC Summary Data

TNT Environmental	Project Name:	TNT Landfarm	Reported:
PO Box 2530	Project Number:	17009-C-0001	
Farmington NM, 87499	Project Manager:	Clay Green	7/27/2023 1:30:01PM

## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2329067-BLK1)

Prepared: 07/20/23 Analyzed: 07/21/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

## LCS (2329067-BS2)

Prepared: 07/20/23 Analyzed: 07/21/23

Gasoline Range Organics (C6-C10)	51.6	20.0	50.0		103	70-130			
Surrogate: Bromofluorobenzene	0.529		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.504		0.500		101	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.8	70-130			

## Matrix Spike (2329067-MS2)

Source: E307095-05

Prepared: 07/20/23 Analyzed: 07/21/23

Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130			
Surrogate: Bromofluorobenzene	0.534		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.525		0.500		105	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

## Matrix Spike Dup (2329067-MSD2)

Source: E307095-05

Prepared: 07/20/23 Analyzed: 07/21/23

Gasoline Range Organics (C6-C10)	54.9	20.0	50.0	ND	110	70-130	0.340	20	
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.502		0.500		100	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			



## QC Summary Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: Project Number: Project Manager:	TNT Landfarm 17009-C-0001 Clay Green	Reported:  7/27/2023 1:30:01PM
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## 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
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## Blank (2330034-BLK1)

Prepared: 07/25/23 Analyzed: 07/26/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	53.7		50.0		107	50-200			

## LCS (2330034-BS1)

Prepared: 07/25/23 Analyzed: 07/26/23

Diesel Range Organics (C10-C28)	290	25.0	250		116	38-132			
Surrogate: n-Nonane	57.0		50.0		114	50-200			

## Matrix Spike (2330034-MS1)

Source: E307095-07

Prepared: 07/25/23 Analyzed: 07/26/23

Diesel Range Organics (C10-C28)	301	25.0	250	ND	120	38-132			
Surrogate: n-Nonane	54.0		50.0		108	50-200			

## Matrix Spike Dup (2330034-MSD1)

Source: E307095-07

Prepared: 07/25/23 Analyzed: 07/26/23

Diesel Range Organics (C10-C28)	279	25.0	250	ND	111	38-132	7.76	20	
Surrogate: n-Nonane	51.7		50.0		103	50-200			

## 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	
PO Box 2530	Project Number:	17009-C-0001	Reported:
Farmington NM, 87499	Project Manager:	Clay Green	07/27/23 13:30

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.



Project Information

Chain of Custody

Page 1 of 2

Client: <u>TNT Environmental</u>		Bill To		Lab Use Only		TAT		EPA Program											
Project: <u>TNT Landfill</u>		Attention: <u>TNT Environmental</u>		Lab WO# <u>E301095</u>		Job Number <u>17009-C-000</u>		CWA SDWA											
Project Manager: <u>Way Green</u>		Address:		1D 2D 3D		Standard <u>X</u>		RCRA											
Address:		City, State, Zip		Analysis and Method		State		NM CO UT AZ TX											
City, State, Zip		Phone:		DRG/DRG by 8015		GRG/DRG by 8015		BTEX by 8021											
Phone:		Email:		VOC by 8260		Metals 6010		Chloride 300.0											
Email: <u>Way@watsheng.net</u>		Report due by: <u>At least 8 weeks</u>		Lab Number:		Remarks													
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRG/DRG by 8015	GRG/DRG by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	1D	2D	3D	Standard	CWA	SDWA	RCRA	State
9:30	7-20-23	S	1	Cell 3 Vadose	1	X	X	X											On Ice
9:39				Cell 4 Vadose	2														
9:48				Cell 5 Vadose	3														
9:59				Cell 6 Vadose	4														
10:08				Cell 7 Vadose	5														
10:20				Cell 10 Vadose	6														
10:33				Cell 12 Vadose	7														
10:41				Cell 11 Vadose	8														
10:58				Cell 8 Vadose	9														
11:07				Cell 9 Vadose	10														

**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: Way Green

Relinquished by: (Signature) Way Green Date 7-20-23 Time 13:38

Received by: (Signature) Carthage Date 7/20/23 Time 13:40

Relinquished by: (Signature) Date Time

Received by: (Signature) Date Time

Relinquished by: (Signature) Date Time

Received by: (Signature) Date Time

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 30 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.



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## Envirotech Analytical Laboratory

Printed: 7/20/2023 1:59:30PM

## 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:	07/20/23 13:40	Work Order ID:	E307095
Phone:	(505) 860-6215	Date Logged In:	07/20/23 13:44	Logged In By:	Caitlin Mars
Email:	clay@walsheng.net	Due Date:	07/27/23 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: <u>Clay Green</u> |
| 4. Was the COC complete, i.e., signatures, dates/times, requested analyses?  | Yes |                            |
| 5. Were all samples received within holding time?  | Yes |                            |
| 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: <u>4°C</u>           |     |

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?  | No  |
| 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 InstructionComments/Resolution

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 258778

CONDITIONS

Operator: T-N-T ENVIRONMENTAL INC PO Box 2530 Farmington, NM 87499	OGRID: 22099
	Action Number: 258778
	Action Type: [C-137] Non-Fee SWMF Submittal (SWMF NON-FEE SUBMITTAL)

CONDITIONS

Created By	Condition	Condition Date
Ibarr	Accepted for Record.	11/13/2024