

TNT LANDFARM		fEEM0112335451		VADOSE		CELL #1	
Laboratory Analysis Results							
		1 st VZ Sampling April 30, 2024	2 nd VZ Sampling July 31, 2024	3 rd VZ Sampling Oct. 31, 2024	5-year VZ Monitoring		
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS		
TPH 8015							
GRO		20.0	20.0				
DRO		25.0	25.0				
ORO		50.0	50.0				
TOTAL TPH	2,500 mg	95.0	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		22.4					
METALS							
Arsenic							
Barium							
Cadmium							
Chromium							
Calcium							
Iron							
Lead							
Magnesium							
Selenium							
Silver							
Potassium							
Sodium							
ANIONS							
Fluoride							
Chloride							
Nitrite-N							
Nitrate-N							
o-Phosphate-P							
Sulfate							
Mercury							
ABBREVIATIONS							
mg/kg – milligrams/kilogram				GRO – Gasoline Range Organics			
mg/l – Milligrams per liter				DRO – Diesel Range Organics			
TPH – Total Petroleum Hydrocarbons				ORO – Oil Range Organics			
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes							

TNT LANDFARM		fEEM0112335451		VADOSE	CELL #2
Laboratory Analysis Results					
		1 st VZ Sampling April 30, 2024	2 nd VZ Sampling July 31, 2024	3 rd VZ Sampling Sept. 26, 2024	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO		20.0	20.0		
DRO		25.0	25.0		
ORO		50.0	50.0		
TOTAL TPH	2,500 mg	95.0	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		20.0			
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
ANIONS					
Fluoride					
Chloride					
Nitrite-N					
Nitrate-N					
o-Phosphate-P					
Sulfate					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram			GRO – Gasoline Range Organics		
mg/l – Milligrams per liter			DRO – Diesel Range Organics		
TPH – Total Petroleum Hydrocarbons			ORO – Oil Range Organics		
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes					

TNT LANDFARM		FEEM0112335451		VADOSE	CELL #3
Laboratory Analysis Results					
		1 st VZ Sampling April 30, 2024	2 nd VZ Sampling July 31, 2024	3 rd VZ Sampling Sept. 26, 2024	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO		20.0	20.0		
DRO		25.0	25.0		
ORO		50.0	50.0		
TOTAL TPH	2,500 mg	95.0	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		28.4			
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
ANIONS					
Fluoride					
Chloride					
Nitrite-N					
Nitrate-N					
o-Phosphate-P					
Sulfate					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram			GRO – Gasoline Range Organics		
mg/l – Milligrams per liter			DRO – Diesel Range Organics		
TPH – Total Petroleum Hydrocarbons			ORO – Oil Range Organics		
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes					

TNT LANDFARM		fEEM0112335451		VADOSE	CELL #4
Laboratory Analysis Results					
		1 st VZ Sampling April 30, 2024	2 nd VZ Sampling July 31, 2024	3 rd VZ Sampling Sept. 26, 2024	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO		20.0	20.0		
DRO		25.0	25.0		
ORO		50.0	50.0		
TOTAL TPH	2,500 mg	95.0	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		70.1			
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
ANIONS					
Fluoride					
Chloride					
Nitrite-N					
Nitrate-N					
o-Phosphate-P					
Sulfate					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram			GRO – Gasoline Range Organics		
mg/l – Milligrams per liter			DRO – Diesel Range Organics		
TPH – Total Petroleum Hydrocarbons			ORO – Oil Range Organics		
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes					

TNT LANDFARM		fEEM0112335451		VADOSE	CELL #5
Laboratory Analysis Results					
		1 st VZ Sampling April 30, 2024	2 nd VZ Sampling July 31, 2024	3 rd VZ Sampling Sept. 26, 2024	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO		20.0	20.0		
DRO		25.0	25.0		
ORO		50.0	50.0		
TOTAL TPH	2,500 mg	95.0	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		34.3			
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
ANIONS					
Fluoride					
Chloride					
Nitrite-N					
Nitrate-N					
o-Phosphate-P					
Sulfate					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram			GRO – Gasoline Range Organics		
mg/l – Milligrams per liter			DRO – Diesel Range Organics		
TPH – Total Petroleum Hydrocarbons			ORO – Oil Range Organics		
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes					

TNT LANDFARM		fEEM0112335451		VADOSE	CELL #6
Laboratory Analysis Results					
		1 st VZ Sampling April 30, 2024	2 nd VZ Sampling July 31, 2024	3 rd VZ Sampling Sept. 26, 2024	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO		20.0	20.0		
DRO		25.0	25.0		
ORO		50.0	50.0		
TOTAL TPH	2,500 mg	95.0	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		29.1			
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
ANIONS					
Fluoride					
Chloride					
Nitrite-N					
Nitrate-N					
o-Phosphate-P					
Sulfate					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram			GRO – Gasoline Range Organics		
mg/l – Milligrams per liter			DRO – Diesel Range Organics		
TPH – Total Petroleum Hydrocarbons			ORO – Oil Range Organics		
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes					

TNT LANDFARM		FEEM0112335451		VADOSE	CELL #7
Laboratory Analysis Results					
		1 st VZ Sampling April 30, 2024	2 nd VZ Sampling July 31, 2024	3 rd VZ Sampling Sept. 26, 2024	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO		20.0	20.0		
DRO		25.0	25.0		
ORO		50.0	50.0		
TOTAL TPH	2,500 mg	95.0	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		305			
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
ANIONS					
Fluoride					
Chloride					
Nitrite-N					
Nitrate-N					
o-Phosphate-P					
Sulfate					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram			GRO – Gasoline Range Organics		
mg/l – Milligrams per liter			DRO – Diesel Range Organics		
TPH – Total Petroleum Hydrocarbons			ORO – Oil Range Organics		
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes					

TNT LANDFARM		fEEM0112335451		VADOSE	CELL #8
Laboratory Analysis Results					
		1 st VZ Sampling April 30, 2024	2 nd VZ Sampling July 31, 2024	3 rd VZ Sampling Sept. 26, 2024	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO		20.0	20.0		
DRO		25.0	25.0		
ORO		50.0	50.0		
TOTAL TPH	2,500 mg	95.0	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		288			
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
ANIONS					
Fluoride					
Chloride					
Nitrite-N					
Nitrate-N					
o-Phosphate-P					
Sulfate					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram			GRO – Gasoline Range Organics		
mg/l – Milligrams per liter			DRO – Diesel Range Organics		
TPH – Total Petroleum Hydrocarbons			ORO – Oil Range Organics		
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes					

TNT LANDFARM		fEEM0112335451		VADOSE	CELL #9
Laboratory Analysis Results					
		1 st VZ Sampling April 30, 2024	2 nd VZ Sampling July 31, 2024	3 rd VZ Sampling Sept. 26, 2024	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO		20.0	20.0		
DRO		25.0	25.0		
ORO		50.0	50.0		
TOTAL TPH	2,500 mg	95.0	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		24.1			
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
ANIONS					
Fluoride					
Chloride					
Nitrite-N					
Nitrate-N					
o-Phosphate-P					
Sulfate					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram			GRO – Gasoline Range Organics		
mg/l – Milligrams per liter			DRO – Diesel Range Organics		
TPH – Total Petroleum Hydrocarbons			ORO – Oil Range Organics		
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes					

TNT LANDFARM		fEEM0112335451		VADOSE	CELL #10
Laboratory Analysis Results					
		1 st VZ Sampling April 30, 2024	2 nd VZ Sampling July 31, 2024	3 rd VZ Sampling Sept. 26, 2024	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO		20.0	20.0		
DRO		25.0	25.0		
ORO		50.0	50.0		
TOTAL TPH	2,500 mg	95.0	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		20.0			
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
ANIONS					
Fluoride					
Chloride					
Nitrite-N					
Nitrate-N					
o-Phosphate-P					
Sulfate					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram			GRO – Gasoline Range Organics		
mg/l – Milligrams per liter			DRO – Diesel Range Organics		
TPH – Total Petroleum Hydrocarbons			ORO – Oil Range Organics		
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes					

TNT LANDFARM		fEEM0112335451		VADOSE	CELL #11
Laboratory Analysis Results					
		1 st VZ Sampling April 30, 2024	2 nd VZ Sampling July 31, 2024	3 rd VZ Sampling Sept. 26, 2024	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO		20.0	20.0		
DRO		25.0	25.0		
ORO		50.0	50.0		
TOTAL TPH	2,500 mg	95.0	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		419			
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
ANIONS					
Fluoride					
Chloride					
Nitrite-N					
Nitrate-N					
o-Phosphate-P					
Sulfate					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram			GRO – Gasoline Range Organics		
mg/l – Milligrams per liter			DRO – Diesel Range Organics		
TPH – Total Petroleum Hydrocarbons			ORO – Oil Range Organics		
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes					

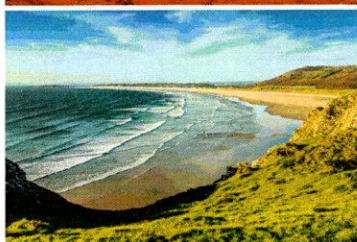
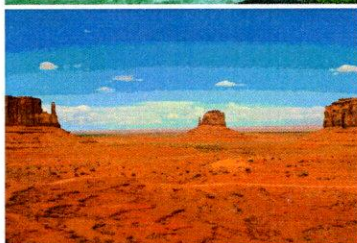
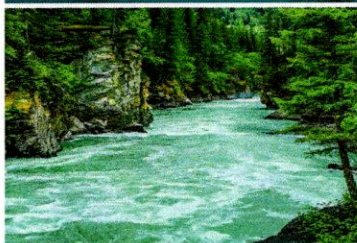
TNT LANDFARM		fEEM0112335451		VADOSE	CELL #12
Laboratory Analysis Results					
		1 st VZ Sampling April 30, 2024	2 nd VZ Sampling July 31, 2024	3 rd VZ Sampling Sept. 26, 2024	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO		20.0	20.0		
DRO		25.0	25.0		
ORO		50.0	50.0		
TOTAL TPH	2,500 mg	95.0	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		90.8			
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
ANIONS					
Fluoride					
Chloride					
Nitrite-N					
Nitrate-N					
o-Phosphate-P					
Sulfate					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram			GRO – Gasoline Range Organics		
mg/l – Milligrams per liter			DRO – Diesel Range Organics		
TPH – Total Petroleum Hydrocarbons			ORO – Oil Range Organics		
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes					

TNT LANDFARM		fEEM0112335451		VADOSE	CELL #13
Laboratory Analysis Results					
		1 st VZ Sampling April 30, 2024	2 nd VZ Sampling July 31, 2024	3 rd VZ Sampling Sept. 26, 2024	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO		20.0	20.0		
DRO		25.0	25.0		
ORO		50.0	50.0		
TOTAL TPH	2,500 mg	95.0	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		90.8			
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
ANIONS					
Fluoride					
Chloride					
Nitrite-N					
Nitrate-N					
o-Phosphate-P					
Sulfate					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram mg/l – Milligrams per liter TPH – Total Petroleum Hydrocarbons BTEX – Benzene, Toluene, Ethylbenzene, Xylenes			GRO – Gasoline Range Organics DRO – Diesel Range Organics ORO – Oil Range Organics		

TNT LANDFARM		fEEM0112335451		VADOSE	CELL #14
Laboratory Analysis Results					
		1 st VZ Sampling April 30, 2024	2 nd VZ Sampling July 31, 2024	3 rd VZ Sampling Sept. 26, 2024	5-year VZ Monitoring
	REPORTING LIMIT	RESULTS	RESULTS	RESULTS	RESULTS
TPH 8015					
GRO		20.0	20.0		
DRO		25.0	25.0		
ORO		50.0	50.0		
TOTAL TPH	2,500 mg	95.0	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		69.4			
METALS					
Arsenic					
Barium					
Cadmium					
Chromium					
Calcium					
Iron					
Lead					
Magnesium					
Selenium					
Silver					
Potassium					
Sodium					
ANIONS					
Fluoride					
Chloride					
Nitrite-N					
Nitrate-N					
o-Phosphate-P					
Sulfate					
Mercury					
ABBREVIATIONS					
mg/kg – milligrams/kilogram			GRO – Gasoline Range Organics		
mg/l – Milligrams per liter			DRO – Diesel Range Organics		
TPH – Total Petroleum Hydrocarbons			ORO – Oil Range Organics		
BTEX – Benzene, Toluene, Ethylbenzene, Xylenes					

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: TNT Landfarm 2nd Vadose

Work Order: E407254

Job Number: 17009-C-0001

Received: 7/31/2024

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
8/7/24

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: 8/7/24

Clay Green
PO Box 2530
Farmington, NM 87499



Project Name: TNT Landfarm 2nd Vadose
Workorder: E407254
Date Received: 7/31/2024 3:05:00PM

Clay Green,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/31/2024 3:05:00PM, under the Project Name: TNT Landfarm 2nd Vadose.

The analytical test results summarized in this report with the Project Name: TNT Landfarm 2nd Vadose 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

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

Field Offices:

Southern New Mexico Area

Lynn Jarboe
Laboratory Technical Representative
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

Michelle Gonzales
Client Representative
Office: 505-421-LABS(5227)
Cell: 505-947-8222
mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
Cell 1 Vadose	5
Cell 2 Vadose	6
Cell 3 Vadose	7
Cell 4 Vadose	8
Cell 5 Vadose	9
Cell 6 Vadose	10
Cell 7 Vadose	11
Cell 8 Vadose	12
Cell 9 Vadose	13
Cell 10 Vadose	14
Cell 11 Vadose	15
Cell 12 Vadose	16
Cell 13 Vadose	17
Cell 14 Vadose	18
QC Summary Data	19
QC - Volatile Organic Compounds by EPA8260B	19
QC - Nonhalogenated Organics by EPA 8015D - GRO	20
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	21
Definitions and Notes	22
Chain of Custody etc.	23

Sample Summary

TNT Environmental	Project Name:	TNT Landfarm 2nd Vadose	Reported:
PO Box 2530	Project Number:	17009-C-0001	
Farmington NM, 87499	Project Manager:	Clay Green	08/07/24 08:46

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Cell 1 Vadose	E407254-01A	Soil	07/31/24	07/31/24	Glass Jar, 2 oz.
Cell 2 Vadose	E407254-02A	Soil	07/31/24	07/31/24	Glass Jar, 2 oz.
Cell 3 Vadose	E407254-03A	Soil	07/31/24	07/31/24	Glass Jar, 2 oz.
Cell 4 Vadose	E407254-04A	Soil	07/31/24	07/31/24	Glass Jar, 2 oz.
Cell 5 Vadose	E407254-05A	Soil	07/31/24	07/31/24	Glass Jar, 2 oz.
Cell 6 Vadose	E407254-06A	Soil	07/31/24	07/31/24	Glass Jar, 2 oz.
Cell 7 Vadose	E407254-07A	Soil	07/31/24	07/31/24	Glass Jar, 2 oz.
Cell 8 Vadose	E407254-08A	Soil	07/31/24	07/31/24	Glass Jar, 2 oz.
Cell 9 Vadose	E407254-09A	Soil	07/31/24	07/31/24	Glass Jar, 2 oz.
Cell 10 Vadose	E407254-10A	Soil	07/31/24	07/31/24	Glass Jar, 2 oz.
Cell 11 Vadose	E407254-11A	Soil	07/31/24	07/31/24	Glass Jar, 2 oz.
Cell 12 Vadose	E407254-12A	Soil	07/31/24	07/31/24	Glass Jar, 2 oz.
Cell 13 Vadose	E407254-13A	Soil	07/31/24	07/31/24	Glass Jar, 2 oz.
Cell 14 Vadose	E407254-14A	Soil	07/31/24	07/31/24	Glass Jar, 2 oz.



Sample Data

TNT Environmental	Project Name:	TNT Landfarm 2nd Vadose	Reported:
PO Box 2530	Project Number:	17009-C-0001	8/7/2024 8:46:22AM
Farmington NM, 87499	Project Manager:	Clay Green	

Cell 1 Vadose

E407254-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431106
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene	103 %	70-130		08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		08/01/24	08/02/24	
Surrogate: Toluene-d8	97.9 %	70-130		08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431106
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene	103 %	70-130		08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		08/01/24	08/02/24	
Surrogate: Toluene-d8	97.9 %	70-130		08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2431110
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/01/24	
Surrogate: n-Nonane	109 %	50-200		08/01/24	08/01/24	



Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: TNT Landfarm 2nd Vadose Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 8/7/2024 8:46:22AM
--	--	---------------------------------

Cell 2 Vadose

E407254-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		101 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		98.6 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		101 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.5 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		98.6 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2431110
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/01/24	
Surrogate: n-Nonane		109 %	50-200	08/01/24	08/01/24	



Sample Data

TNT Environmental	Project Name:	TNT Landfarm 2nd Vadose	
PO Box 2530	Project Number:	17009-C-0001	Reported:
Farmington NM, 87499	Project Manager:	Clay Green	8/7/2024 8:46:22AM

Cell 3 Vadose

E407254-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Benzene	ND	0.0250	1	08/01/24	08/01/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/01/24	
Toluene	ND	0.0250	1	08/01/24	08/01/24	
o-Xylene	ND	0.0250	1	08/01/24	08/01/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/01/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/01/24	
Surrogate: Bromofluorobenzene		103 %	70-130	08/01/24	08/01/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	08/01/24	08/01/24	
Surrogate: Toluene-d8		99.2 %	70-130	08/01/24	08/01/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/01/24	
Surrogate: Bromofluorobenzene		103 %	70-130	08/01/24	08/01/24	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	08/01/24	08/01/24	
Surrogate: Toluene-d8		99.2 %	70-130	08/01/24	08/01/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2431110
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/01/24	
Surrogate: n-Nonane		103 %	50-200	08/01/24	08/01/24	



Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: TNT Landfarm 2nd Vadose Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 8/7/2024 8:46:22AM
--	--	---------------------------------

Cell 4 Vadose

E407254-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431106
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		98.2 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431106
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		94.4 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		98.2 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2431110
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/01/24	
Surrogate: n-Nonane		108 %	50-200	08/01/24	08/01/24	



Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: TNT Landfarm 2nd Vadose Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 8/7/2024 8:46:22AM
--	--	---------------------------------

Cell 5 Vadose

E407254-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		100 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		98.5 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		100 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		93.0 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		98.5 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2431110
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/01/24	
Surrogate: n-Nonane		107 %	50-200	08/01/24	08/01/24	



Sample Data

TNT Environmental	Project Name:	TNT Landfarm 2nd Vadose	Reported:
PO Box 2530	Project Number:	17009-C-0001	8/7/2024 8:46:22AM
Farmington NM, 87499	Project Manager:	Clay Green	

Cell 6 Vadose

E407254-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene	99.7 %	70-130		08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4	93.7 %	70-130		08/01/24	08/02/24	
Surrogate: Toluene-d8	98.6 %	70-130		08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene	99.7 %	70-130		08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4	93.7 %	70-130		08/01/24	08/02/24	
Surrogate: Toluene-d8	98.6 %	70-130		08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2431110
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/01/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/01/24	
Surrogate: n-Nonane	109 %	50-200		08/01/24	08/01/24	



Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: TNT Landfarm 2nd Vadose Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 8/7/2024 8:46:22AM
--	--	---------------------------------

Cell 7 Vadose

E407254-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		103 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		99.7 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		103 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		99.7 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2431110
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		106 %	50-200	08/01/24	08/02/24	



Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: TNT Landfarm 2nd Vadose Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 8/7/2024 8:46:22AM
--	--	---------------------------------

Cell 8 Vadose

E407254-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		103 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		99.0 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		103 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		99.0 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2431110
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		107 %	50-200	08/01/24	08/02/24	



Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: TNT Landfarm 2nd Vadose Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 8/7/2024 8:46:22AM
--	--	---------------------------------

Cell 9 Vadose

E407254-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431106
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		101 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		98.9 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431106
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		101 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.2 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		98.9 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2431110
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		98.3 %	50-200	08/01/24	08/02/24	



Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: TNT Landfarm 2nd Vadose Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 8/7/2024 8:46:22AM
--	--	---------------------------------

Cell 10 Vadose

E407254-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431106
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		104 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		99.7 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - GRO						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2431106
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		104 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		96.8 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		99.7 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO						
	mg/kg	mg/kg		Analyst: KM		Batch: 2431110
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		112 %	50-200	08/01/24	08/02/24	



Sample Data

TNT Environmental	Project Name:	TNT Landfarm 2nd Vadose	Reported: 8/7/2024 8:46:22AM
PO Box 2530	Project Number:	17009-C-0001	
Farmington NM, 87499	Project Manager:	Clay Green	

Cell 11 Vadose

E407254-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		99.7 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		96.5 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		99.7 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		96.5 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2431110
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		106 %	50-200	08/01/24	08/02/24	



Sample Data

TNT Environmental PO Box 2530 Farmington NM, 87499	Project Name: TNT Landfarm 2nd Vadose Project Number: 17009-C-0001 Project Manager: Clay Green	Reported: 8/7/2024 8:46:22AM
--	--	---------------------------------

Cell 12 Vadose

E407254-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		103 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		98.2 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		103 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		94.5 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		98.2 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2431110
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		108 %	50-200	08/01/24	08/02/24	



Sample Data

TNT Environmental	Project Name:	TNT Landfarm 2nd Vadose	Reported: 8/7/2024 8:46:22AM
PO Box 2530	Project Number:	17009-C-0001	
Farmington NM, 87499	Project Manager:	Clay Green	

Cell 13 Vadose

E407254-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		98.3 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		98.3 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2431110
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		106 %	50-200	08/01/24	08/02/24	



Sample Data

TNT Environmental	Project Name:	TNT Landfarm 2nd Vadose	Reported: 8/7/2024 8:46:22AM
PO Box 2530	Project Number:	17009-C-0001	
Farmington NM, 87499	Project Manager:	Clay Green	

Cell 14 Vadose

E407254-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organic Compounds by EPA 8260B		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Benzene	ND	0.0250	1	08/01/24	08/02/24	
Ethylbenzene	ND	0.0250	1	08/01/24	08/02/24	
Toluene	ND	0.0250	1	08/01/24	08/02/24	
o-Xylene	ND	0.0250	1	08/01/24	08/02/24	
p,m-Xylene	ND	0.0500	1	08/01/24	08/02/24	
Total Xylenes	ND	0.0250	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		100 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - GRO		mg/kg	mg/kg	Analyst: RKS		Batch: 2431106
Gasoline Range Organics (C6-C10)	ND	20.0	1	08/01/24	08/02/24	
Surrogate: Bromofluorobenzene		102 %	70-130	08/01/24	08/02/24	
Surrogate: 1,2-Dichloroethane-d4		97.5 %	70-130	08/01/24	08/02/24	
Surrogate: Toluene-d8		100 %	70-130	08/01/24	08/02/24	
Nonhalogenated Organics by EPA 8015D - DRO/ORO		mg/kg	mg/kg	Analyst: KM		Batch: 2431110
Diesel Range Organics (C10-C28)	ND	25.0	1	08/01/24	08/02/24	
Oil Range Organics (C28-C36)	ND	50.0	1	08/01/24	08/02/24	
Surrogate: n-Nonane		110 %	50-200	08/01/24	08/02/24	



QC Summary Data

TNT Environmental	Project Name:	TNT Landfarm 2nd Vadose	Reported:
PO Box 2530	Project Number:	17009-C-0001	
Farmington NM, 87499	Project Manager:	Clay Green	8/7/2024 8:46:22AM

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

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

Blank (2431106-BLK1)

Prepared: 08/01/24 Analyzed: 08/01/24

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	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

LCS (2431106-BS1)

Prepared: 08/01/24 Analyzed: 08/01/24

Benzene	2.40	0.0250	2.50		95.9	70-130			
Ethylbenzene	2.58	0.0250	2.50		103	70-130			
Toluene	2.41	0.0250	2.50		96.2	70-130			
o-Xylene	2.58	0.0250	2.50		103	70-130			
p,m-Xylene	5.15	0.0500	5.00		103	70-130			
Total Xylenes	7.73	0.0250	7.50		103	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			

Matrix Spike (2431106-MS1)

Source: E407254-03

Prepared: 08/01/24 Analyzed: 08/01/24

Benzene	2.23	0.0250	2.50	ND	89.3	48-131			
Ethylbenzene	2.37	0.0250	2.50	ND	94.7	45-135			
Toluene	2.21	0.0250	2.50	ND	88.2	48-130			
o-Xylene	2.46	0.0250	2.50	ND	98.2	43-135			
p,m-Xylene	4.91	0.0500	5.00	ND	98.2	43-135			
Total Xylenes	7.36	0.0250	7.50	ND	98.2	43-135			
Surrogate: Bromofluorobenzene	0.523		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.497		0.500		99.3	70-130			

Matrix Spike Dup (2431106-MSD1)

Source: E407254-03

Prepared: 08/01/24 Analyzed: 08/01/24

Benzene	2.31	0.0250	2.50	ND	92.6	48-131	3.65	23	
Ethylbenzene	2.49	0.0250	2.50	ND	99.8	45-135	5.18	27	
Toluene	2.32	0.0250	2.50	ND	92.7	48-130	5.02	24	
o-Xylene	2.56	0.0250	2.50	ND	102	43-135	4.03	27	
p,m-Xylene	5.10	0.0500	5.00	ND	102	43-135	3.86	27	
Total Xylenes	7.66	0.0250	7.50	ND	102	43-135	3.91	27	
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.8	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.8	70-130			



QC Summary Data

TNT Environmental	Project Name:	TNT Landfarm 2nd Vadose	Reported:
PO Box 2530	Project Number:	17009-C-0001	
Farmington NM, 87499	Project Manager:	Clay Green	8/7/2024 8:46:22AM

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
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2431106-BLK1)

Prepared: 08/01/24 Analyzed: 08/01/24

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.2	70-130			
Surrogate: Toluene-d8	0.501		0.500		100	70-130			

LCS (2431106-BS2)

Prepared: 08/01/24 Analyzed: 08/01/24

Gasoline Range Organics (C6-C10)	44.9	20.0	50.0		89.8	70-130			
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.463		0.500		92.6	70-130			
Surrogate: Toluene-d8	0.498		0.500		99.5	70-130			

Matrix Spike (2431106-MS2)

Source: E407254-03

Prepared: 08/01/24 Analyzed: 08/01/24

Gasoline Range Organics (C6-C10)	46.2	20.0	50.0	ND	92.4	70-130			
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		93.9	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

Matrix Spike Dup (2431106-MSD2)

Source: E407254-03

Prepared: 08/01/24 Analyzed: 08/02/24

Gasoline Range Organics (C6-C10)	50.2	20.0	50.0	ND	100	70-130	8.24	20	
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.461		0.500		92.1	70-130			
Surrogate: Toluene-d8	0.511		0.500		102	70-130			



QC Summary Data

TNT Environmental	Project Name:	TNT Landfarm 2nd Vadose	Reported:
PO Box 2530	Project Number:	17009-C-0001	
Farmington NM, 87499	Project Manager:	Clay Green	8/7/2024 8:46:22AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

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

Blank (2431110-BLK1)

Prepared: 08/01/24 Analyzed: 08/01/24

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	55.4		50.0		111	50-200			

LCS (2431110-BS1)

Prepared: 08/01/24 Analyzed: 08/01/24

Diesel Range Organics (C10-C28)	269	25.0	250		108	38-132			
Surrogate: n-Nonane	57.0		50.0		114	50-200			

Matrix Spike (2431110-MS1)

Source: E407254-07

Prepared: 08/01/24 Analyzed: 08/01/24

Diesel Range Organics (C10-C28)	266	25.0	250	ND	106	38-132			
Surrogate: n-Nonane	56.4		50.0		113	50-200			

Matrix Spike Dup (2431110-MSD1)

Source: E407254-07

Prepared: 08/01/24 Analyzed: 08/01/24

Diesel Range Organics (C10-C28)	276	25.0	250	ND	110	38-132	3.49	20	
Surrogate: n-Nonane	57.8		50.0		116	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 2nd Vadose	Reported:
PO Box 2530	Project Number:	17009-C-0001	08/07/24 08:46
Farmington NM, 87499	Project Manager:	Clay Green	

- 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.

10/2

Client: TNT Environmental				Bill To		Lab Use Only		TAT			EPA Program		
Project: TNT Landfarm 2nd Vadose				Attention: TNT Environmental		Lab WO# E407254		1D	2D	3D	Standard	CWA	SDWA
Project Manager: Clay Green				Address: PO Box 2530		Job Number: 17009-C-0001					X		
Address: PO Box 2530				City, State, Zip		Analysis and Method		RCRA					
City, State, Zip: Farmington NM 87499				Phone:				State					
Phone:				Email:				NM CO UT AZ TX					
Email: Clay@walsheng.net, Shawna, Arleen, Marie													
Report due by:													
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DMC/DIO by 8215	DMC/DIO by 8215	BTX by 8021	VOC by 8260	Metals 8210	Chloride 300.0	EPA method 415.1	Remarks
1040	7/31/24	S	1	Cell 1 Vadose	1	X	X	X					On Ice
1049				Cell 2 Vadose	2	X	X	X					On Ice
1038				Cell 3 Vadose	3	X	X	X					On Ice
1106				Cell 4 Vadose	4	X	X	X					On Ice
1116				Cell 5 Vadose	5	X	X	X					On Ice
1125				Cell 6 Vadose	6	X	X	X					On Ice
1133				Cell 7 Vadose	7	X	X	X					On Ice
1221				Cell 8 Vadose	8	X	X	X					On Ice
1233				Cell 9 Vadose	9	X	X	X					On Ice
1146				Cell 10 Vadose	10	X	X	X					On Ice
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: Clay Green													
Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.													
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		Lab Use Only	
7/31/24		15:05				7/31/24		15:05				Received on Ice: Y N	
Relinquished by: (Signature)		Date		Time		Received by: (Signature)		Date		Time		T1 T2 T3	
												AVG Temp °C: 4	
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.													

2 of 2

Page 24 of 25

Envirotech Analytical Laboratory

Printed: 7/31/2024 4:12:58PM

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:	07/31/24 15:05	Work Order ID:	E407254
Phone:	(505) 860-6215	Date Logged In:	07/31/24 15:38	Logged In By:	Noe Soto
Email:	clay@walsheng.net	Due Date:	08/07/24 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
 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.

Carrier: Clay GreenSample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
 8. If yes, was cooler received in good condition? Yes
 9. Was the sample(s) received intact, i.e., not broken? Yes
 10. Were custody/security seals present? No
 11. If yes, were custody/security seals intact? NA
 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes
- Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling
13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

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

Field Label

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

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 371323

CONDITIONS

Operator: T-N-T ENVIRONMENTAL INC PO Box 2530 Farmington, NM 87499	OGRID: 22099
	Action Number: 371323
	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