Santa Fe Main Office Phone: (505) 476-3441 General Information Phone: (505) 629-6116

Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/ State of New Mexico Energy Minerals and Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505



Form C-137A Revised October 11, 2022

File via OCD Permitting with any associated permit fee

APPLICATION FOR MINOR MODIFICATION TO SURFACE WASTE MANAGEMENT FACILITY

| 1. | Operator: | TNT | Environmental, Inc | |
|-----|-----------|-----|--------------------|--|
| · · | operatori | | | |

| | Address: PO E | 3ox 2530 | , Farming | ton, NM 8 | 37499 | | | | | |
|----|------------------|-----------|-----------|------------|---------|-----------|--------------|-------|----|---|
| | Contact Person: | Carl Meri | latt | | | Phone: | 505-320-1404 | | | _ |
| 2. | Location: 0 | /4 | 0 | /4 Section | 5 and 8 | _Township | 25N | Range | 3W | |
| 3. | Provide permit n | number NN | /11-8 | | | | | | | |

4. Attach a description of the proposed minor modification(s) to the surface waste management facility.

5. If the Minor Modification involves changes to a treatment, remediation, or disposal method, attach engineering designs, certified by a registered professional engineer, including technical data on the design elements of each applicable treatment, remediation, and disposal method and detailed designs of surface impoundments.

6. If the Minor Modification will affect the closure and post-closure plan, attach an updated closure and post closure plan, including a responsible third party contractor's cost estimate, sufficient to close the surface waste management facility in a manner that will protect fresh water, public health, and the environment (the closure and post closure plan shall comply with the requirements contained in 19.15.36.18 NMAC).

7. If the Minor Modification will affect the contingency plan, attach an updated contingency plan that complies with the requirements of Subsection N of 19.15.36.13 NMAC and with NMSA 1978, Sections 12-12-1 through 12-12-30, as amended (the Emergency Management Act).

8. If the Minor Modification will affect the control of run-on or run-off water at the site, attach an updated plan to control runon water onto the site and run-off water from the site that complies with the requirements of Subsection M of 19.15.36.13 NMAC.

9. If the Minor Modification will affect the best management practice plan, attach a best management practice plan to ensure protection of fresh water, public health, and the environment.

10. The division may require additional information to demonstrate that the surface waste management facility's operation will not adversely impact fresh water, public health, or the environment and that the surface waste management facility will comply with division rules and orders.

11. CERTIFICATION

I hereby certify that the information submitted with this application is true, accurate, and complete to the best of my knowledge and belief.

| Name: | Carl Merilatt | Title: | COO |
|----------|-----------------------------------|--------|---------|
| Signatur | e: | Date: | 5-29-25 |
| E-mail A | Address: cmerilatt@laplataofs.biz | | |

June 1, 2025

Ms. Leigh Barr New Mexico Oil Conservation Division (NMOCD) 1220 South Saint Francis Drive Santa Fe, New Mexico 87505

RE: Permit Modification Request TNT Landfarm 711 Permit NM1-008 SW/4 SE/4 and SE/4 NW/4 of Section 5 and NE/4 NW/4 of Section 8, Township 25 North, Range 3 West, NMPM Rio Arriba County, New Mexico

Dear Ms. Barr:

On behalf of TNT Environmental (TNT), Walsh Engineering and Ancell Environmental Consulting Services (AECS) would like to submit this C-137A Permit Modification Request in consideration of compliance requirements to complete vadose zone sampling assessments covered under the existing permit conditions of Rule711 NM1-008, the June 17, 2005, permit modification approval.

TNT would like to request a variance to 19.15.36.15.E(2) NMAC in which vadose zone monitoring events will compare the sampling results of chlorides; total petroleum hydrocarbons (TPH); benzene, toluene, ethylbenzene, and total xylenes (BTEX); and benzene to the applicable closure criteria in Table 1 of 19.15.29.12 NMAC in place of comparison to background soil concentrations or practical quantitation limits (PQL). In accordance with using Table 1 of 19.15.29.12 NMAC, AECS has provided the following information below to satisfy site characterization requirements. The proposed alternative is in accordance with 19.15.36.19 NMAC and will provide equivalent protection of fresh water, public health and the environment at the surface waste management facility. Supporting figures and documentation are attached.

LOCATION

Site Name – TNT Landfarm and Evaporation Ponds, 711 Permit NM1-008

Facility ID - fEEM0112335451
Legal Description - SW/4 SE/4 and SE/4 NW/4 of Section 5 and NE/4 NW/4 of Section 8, Township 25 North, Range 3 West, NMPM Rio Arriba County, New Mexico
OCD Units - N, O, and P of Section 5; C and B of Section 8
Land Jurisdiction - Private
Figure 1. Location Map
Figure 2. Topographic Map
Figure 3. Landfarm Site Vicinity Map

SITE MAP AND FACILITY BACKGROUND

The TNT Landfarm (the Site) is located in the Lindrith district of the San Juan Basin Oil and Gas field (Figure 1). The Site has been operating since 1992 as a commercial surface waste management facility in which hydrocarbon impacted soils are placed into bermed cells for remediation purposes. The Site has not received any new soils from 2016 to present but has continued plowing, discing, and monitoring the treatment and vadose zone. The Site has well maintained fencing and protective barriers in place to restrict any unauthorized access to the landfarm. Elevation across the Site ranges from approximately 7,173 feet (ft) above sea level (asl) at the southeast corner of Cell 2 up to 7,205 ft asl in the northwest corner of Cell 1 (Figure 2). The Site has a gentle 2.1 percent slope to the south-southeast. Outside of oil and gas operations, the primary land use in the Lindrith area is livestock grazing.

BACKGROUND DATA

Background data for Cell 1, 1st Background Test, was collected on May 10, 1993, and analyzed for TPH, Inorganic Cations and Anions, and Total Metals. The laboratory report was submitted to the NMOCD in 1993 but does not include the chain of custody, which is still absent at this time. Sample 1st Background Test reported TPH below method detection limits (practical quantitation limit – PQL) of 12 mg/kg and chloride at 0.7 milliequivalents per liter (meq/L). This concentration can be converted to milligram per kilogram (mg/kg), where 1 kg is equal to 1 liter, by multiplying milliequivalents by the atomic mass of chlorine (35.4527 atomic mass unit (amu)). The reported chloride concentration of 1st background Test converts to 24.81 mg/kg (Appendix A).

Background data for modern day Cell #2, Background Area #2, was collected on September 5, 1994, and analyzed at Intermountain Laboratories in Farmington, New Mexico, for BTEX, TPH, Toxicity Characteristic Leaching Procedure (TCLP) Metals and Nitrate, Phosphate, and Potassium. Laboratory results for TPH were 85 mg/kg while BTEX was below detection limits of 9.6 part per billion (ppb). This laboratory report was also missing a chain of custody, which is still absent at this time (Appendix A).

TPH and BTEX are not naturally occurring and should not have measurable concentrations in native, undisturbed soil. Currently the background data set on file is considered incomplete due to missing chain of custody records amongst other validity issues. Regarding background values required in the 19.15.36.20.A NMAC transitional provisions and additional testing requirements for constituents listed in Subsection A and B of 20.6.2.3103 NMAC: as these do not pertain to tri-annual vadose zone monitoring events, a discussion of background data required to complete five-year vadose monitoring assessments pursuant to Paragraph (3) of 19.15.36.15.E NMAC will be addressed under separate cover.

TRI-ANNUAL VADOSE ZONE MONITORING SAMPLING RESULTS

Quarterly and Tri-annual sampling events have been conducted at the Site since 1993. Due to the variability in sampling requirements, changing chain of custody requests of sampling parameters and acceptable methods, and confusion regarding regulatory nomenclature over the years, this dataset is a summary of the last 10 years of laboratory analytical results. TNT Table 1 reports all BTEX concentrations below laboratory detection limits for both cells. One sampling event in 2023 reported TPH-Diesel Range Organics (DRO) at 36.6 mg/kg in Cell 1; however, all other sampling events reported concentrations of Total TPH below laboratory detection limits of 90 mg/kg for both cells. Chloride concentrations in Cell 1 and Cell 2 range from below the detection limits (PQL) of 16.0 mg/kg up to 122 mg/kg in April 2025. All laboratory reports for this sampling period are included in Appendix A.

SITE CHARACTERIZATION CRITERIA

AECS used information available from New Mexico state agency databases and federal agency geospatial databases to address the site assessment and characterization for the Site (Figure 3).

DEPTH TO GROUNDWATER (19.15.29.11.(2))

Information for all water wells in the vicinity of the Site was collected from the New Mexico Office of the State Engineer (NMOSE). The Average Depth to Water on the New Mexico Water Rights Reporting System (NMWRRS) for Sec 8, T25N, R3W shows 265 feet (ft) below ground surface (bgs) and is based on one artesian well drilled in 1980, SJ01305, (Figure 4). Water well SJ01305 is located 0.66 miles southwest of the landfarm at ~7,150 ft asl and is approximately 25 ft lower in elevation than the southeast corner of Cell 2.

NMOSE private well SJ02431 is located 0.55 miles east of the landfarm (Figure 2). SJ02341 is a shallow water aquifer well drilled in 1957 and reported a static depth to water at 255 ft bgs. The surface elevation of SJ02431 is 7,260 ft asl. The elevation difference between SJ02431 and the lowest portion of the landfarm is approximately 87 ft.

In an OCD report dated July 2, 2015, a review of the administrative file (OCD Online) indicates that depth to water at the Site is approximately 150 ft bgs.

Based on these well records and the relative differences in elevation, depth to water at the Site is determined to be 150 – 255 ft bgs. The OSE Well records for SJ01305, SJ02431 and the associated drillers logs are attached in Appendix B.

WELLHEAD PROTECTION (19.15.29.11.(3))

No cathodic protection wells (CPWs) were identified in the New Mexico (NM) Energy, Minerals and Natural Resources Department (EMNRD) imaging database in the same or adjacent Public Land Survey System (PLSS) sections (Figure 4).

DISTANCE TO NEAREST SIGNIFICANT WATERCOURSE (19.15.29.11.(4))

As defined in Subsection P of 19.15.17.7 NMAC, the closest watercourse identified by a dashed blue line or next lower order tributary mapped blue line is an ephemeral stream 330 feet northeast of Cell 1 (Figure 5). The Site

is not located within 300 feet of a NM EMNRD OCD-defined continuously flowing watercourse according to 19.15.17.7.D NMAC, which excludes ephemeral washes, arroyos, and similar depressions that do not have flowing water during the majority of the days of the year. The closest distance of the Canon de los Ojitos mapped blue line is located 0.5 miles southeast however, the downstream surface confluence with the ephemeral wash closest to the landfarm is 0.7 miles south (Figure 2 and Figure 4).

TABLE 1 CRITERIA

To further ensure Table 1 provides equivalent protection of fresh water, public health, and the environment, additional site characterization was performed and no sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, playa lakes, stream bodies, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.29.12(4) NMAC.

As a result of these findings and the available well data in the immediate vicinity of the site, AECS is requesting the comparison of vadose zone monitoring event analytical results for chloride, TPH (GRO+DRO+MRO), benzene, and BTEX to the NMOCD limits associated with a depth to groundwater at greater than 100 ft.

| | Tab Closure Criteria for Soils | le I Impacted by a Release | |
|-----------|-----------------------------------|-------------------------------------|--------------|
| | Constituent | Method* | Limit** |
| >100 feet | Chloride*** | EPA 300.0 or SM4500 Cl B | 20,000 mg/kg |
| | TPH (GRO+DRO+MRO) | EPA SW-846 Method 8015M | 2,500 mg/kg |
| | GRO+DRO | EPA SW-846 Method 8015M | 1,000 mg/kg |
| | BTEX | EPA SW-846 Method 8021B or 8260B | 50 mg/kg |
| | Benzene | EPA SW-846 Method 8021B or 8260B | 10 mg/kg |

*Or other test methods approved by the division.

**Numerical limits or natural background level, whichever is greater.

***This applies to releases of produced water or other fluids, which may contain chloride.

A review of the analytical data from the last 10 years for Cell 1 and Cell 2 show no indication of a BTEX release in the vadose zone at two to three feet below the native ground surface. One sampling event reported a TPH concentration at 36.6 mg/kg in Cell 1. Cell 1 had three sampling events where chloride concentration was reported above submitted background levels of 24.3 mg/kg and ranged from 35.0 mg/kg up to 48.0 mg/kg. Cell 2 had two sampling events that reported concentrations from 32.0 mg/kg up to 122 mg/kg.

The historical data show that maximum TPH and chloride concentrations, 36.6 mg/kg and 122 mg/kg, respectively, at the Site are well below the thresholds that would impact freshwater, public health or the environment such as those listed in NMOCD Table 1 Closure Criteria for depth to water at greater than 100 ft (20,000 mg/kg). In addition, reported concentrations for the chloride constituent are well below the human health standards required in Subsection B of 20.6.3.3103 NMAC Standards for Groundwater (250mg/kg) as required by 19.15.36.E.(5) NMAC sampling events. As a final consideration, these chloride concentrations are also below the vadose zone reclamation standards listed in 19.15.29.13.D(1) NMAC should the landfarm decide to move towards closure and post-closure activities.

In accordance with 19.15.36.19 NMAC, TNT appreciates the consideration of the NMOCD for this exception to adopt this alternative release assessment criteria in place of 19.15.36.15.E(2) NMAC to complete vadose monitoring assessment requirements. Based on the information presented in this report, TNT believes this exception request provides equivalent protection of fresh water, public health, and the environment at the Site. If you have any questions or concerns regarding the information provided in this minor permit modification request, please contact AECS at 970-946-9869.

Sincerely,

Emilee Skyles Project Manager Ancell Environmental Consulting Services cc: Carl Merilatt (TNT) Tony Schmitz (TNT) Craig Schmitz (TNT)

TABLES

Table 1. Tri-Annual Vadose Zone Monitoring Analytical Results

FIGURES

Figure 1. Location Map

Figure 2. Topographic Map

Figure 3. Landfarm Site Vicinity Map

Figure 4. OSE Well Locations

Figure 5. Distance to Significant Watercourse

APPENDIX A Background Laboratory Analytical Reports 2015 to 2025 Laboratory Analytical Reports

APPENDIX B OSE Well Files

•

TABLES

| | Table 1. Tri-annual Vadose Zone Monitoring Analytical Results TNT Commercial Surface Waste Facility (fEEM0112335451) Permit NM1-8 2015 - 2025 | | | | | | | | | | | |
|--|--|---|---------|-------------------|----------------------|-------------------|----------------------|-------------|-------|---------|-------|---------------|
| | | | Benzene | Toluene | Ethylbenzene | Total Xylenes | Total BTEX | ТРН | | TPH | | Chloride |
| | | | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | (mg/kg) | | (mg/kg) | | (mg/kg) |
| Background | Concentrations | | NE | NE | NE | NE | NE | NE | | NE | | <0.5 to 24.3* |
| NMOCD Tabl | e 1 Site Closure | Critera (19.15.29 NMAC)** | 10 | NE | NE | NE | 50 | GRO+DRO+ORO | GRO | DRO | ORO | 20,000** |
| Sample Date | Sample ID | Sample Depth feet below native ground surface | | | | | | | | | | |
| 11/04/15 | Cell #1 | 2 to 3 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <30.0 | <10.0 | <10.0 | <10.0 | 48.0 |
| 07/20/16 | Cell #1 | 2 to 3 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <30.0 | <10.0 | <10.0 | <10.0 | <16.0 |
| No vadose zone monitoring events occurred between June 20, 2016, and July 20, 2023. | | | | | | | | | | | | |
| 7/20/23 | Cell 1 Vadose | 3 | <0.025 | <0.025 | <0.025 | <0.0750 | <0.150 | <90 | <20.0 | <25.0 | <50.0 | NA |
| 9/26/23 | Cell 1 Vadose | 3 | <0.025 | <0.025 | <0.025 | <0.0750 | <0.150 | <90 | <20.0 | <25.0 | <50.0 | <20.0 |
| 4/23/24 | Cell 1 Vadose | 3 | <0.025 | <0.025 | <0.025 | <0.0750 | <0.150 | <90 | <20.0 | <25.0 | <50.0 | 22.4 |
| 7/31/24 | Cell 1 Vadose | 3 | <0.025 | <0.025 | <0.025 | <0.0750 | <0.150 | <90 | <20.0 | <25.0 | <50.0 | NA |
| 10/29/24 | Cell 1 Vadose | 3 | <0.025 | <0.025 | <0.025 | <0.0750 | <0.150 | <90 | <20.0 | <25.0 | <50.0 | 37.9 |
| 4/29/25 | Cell 1 Vadose | 2.5 to 3 | <0.025 | <0.025 | <0.025 | <0.0750 | <0.150 | <90 | <20.0 | <25.0 | <50.0 | 35.0 |
| | | | | | | | | | | | | |
| Sample Date | Sample ID | Sample Depth feet below native ground surface | | | | | | | | | | |
| 11/4/15 | Cell #2 | 2 to 3 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <30.0 | <10.0 | <10.0 | <10.0 | 32.0 |
| 06/24/16 | Cell #2 | 2 to 3 | <0.050 | <0.050 | <0.050 | <0.150 | <0.300 | <30.0 | <10.0 | <10.0 | <10.0 | <16.0 |
| | | | No v | adose zone monito | oring events occurre | d between May 20, | 2016, and July 20, 2 | .023. | | | | |
| 7/20/23 | Cell 2 Vadose | 3 | <0.0250 | <0.0250 | <0.0250 | <0.0750 | <0.150 | 36.6 | <20.0 | 36.6 | <50.0 | NA |
| 9/26/23 | Cell 2 Vadose | 3 | <0.0250 | <0.0250 | <0.0250 | <0.0750 | <0.150 | <90 | <20.0 | <25.0 | <50.0 | 20.1 |
| 4/23/24 | Cell 2 Vadose | 3 | <0.0250 | <0.0250 | <0.0250 | <0.0750 | <0.150 | <90 | <20.0 | <25.0 | <50.0 | <20.0 |
| 7/31/24 | Cell 2 Vadose | 3 | <0.0250 | <0.0250 | <0.0250 | <0.0750 | <0.150 | <90 | <20.0 | <25.0 | <50.0 | NA |
| 10/29/24 | Cell 2 Vadose | 3 | <0.0250 | <0.0250 | <0.0250 | <0.0750 | <0.150 | <90 | <20.0 | <25.0 | <50.0 | <20.0 |
| 4/29/25 | Cell 2 Vadose | 2.5 to 3 | <0.0250 | <0.0250 | <0.0250 | <0.0750 | <0.150 | <90 | <20.0 | <25.0 | <50.0 | 122 |
| | | | | | | | | | | | | |
| *Based on lab **Based on de BTEX - benze TPH - Totoal F NE - Not Esta NA - Not Anal BTEX analyze TPH (GRO+D | *Based on laboratory results from 8 background samples submitted to the OCD from 1993 to 2010 **Based on depth to water at greater 100 ft bgs BTEX - benzene, toluene, ethylbenzene and total xylenes TPH - Totoal Petroleum Hydrocarbons NE - Not Established NA - Not Analyzed BTEX analyzed per USEPA Method 8021 or 8260 TPH (CPC) analyzed per USEPA Method 8011 or 8260 TPH (CPC) analyzed per USEPA Method 8011 or 8260 | | | | | | | | | | | |

Chloride analyzed per USEPA Method 300.0

.

FIGURES











Fig 5



Permit NM1-008

Facility ID: fEEM0112335451

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

Consulting Services





APPENDIX A

Received by OCD: 6/3/2025 12:14:58 PM



OIL CONSERVE JUN DIVISION RECUIPED

*93 DE: 21 AM 9 53

2506 West Main Street Farmington, New Mexico 87401 Tel. (505) 326-4737

TONY SCHMITZ T-N-T Construction HCR 74 Box 115 Lindrith, New Mexico 87029

27 May, 1993

Dear Mr. Schmitz,

On 11 May, 1993, one soil samples was received at Inter-Mountain Laboratories -Farmington, New Mexico. The Project Location was identified as "Lindrith". Analyses were performed to determine concentrations of Total Recoverable Petroleum Hydrocarbons (TPH), Inorganic Cations and Anions, and Total Metals.

Analyses were performed following protocol defined in the Test Methods for Evaluating Solid Waste, SW-846, and Methods for Chemical Analysis of Water and Wastes. The samples were extracted for TPH following steps defined in Method 3550: <u>Sonication Extraction</u> using 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon) as an extraction solvent. The extracts were analyzed by EPA Method 418.1: <u>Total Recoverable Petroleum Hydrocarbons</u>.

The TPH analyses were performed on a Beckman Instruments IR-10 Infrared Spectrophotometer. No level of petroleum products was found in the sample at concentrations above method detection limits. Limits of detection are based on instrument performance under standard conditions, matrix interferences, and dilution requirements to maintain output within established calibration ranges.

The samples were extracted for Total Metals following steps defined in Method 3050: <u>Acid Digestion of Sediments, Sludges, and Soils</u>. The extracts were analyzed by EPA Method 6010: <u>Inductively Coupled Plasma Atomic Emission Spectroscopy</u>.

The Metals analyses were performed on a Thermo-Jarrell Ash 61E Inductive Coupled Plasma Spectrophotometer. Several metallic elements were found in the sample at concentrations above method detection limits as noted in the report.

Quality control analysis results are presented for your records and appear in a separate section. The elevated of Iron and Silicon in the Metals Method Blank may be attributed to carryover from the last sample run prior to the blank. If there are any questions or comments regarding the information presented in this package, please feel free to call at your convenience.

Sincerely,

11 h Beluch

Charles Ballek Laboratory Manager IML - Farmington

TNT2550

Dirt sample Refore Lirt Form offered Released to Imaging: 7/3/2025 10:33:21 AM

TOTAL PETROLEUM HYDROCARBONS EPA Method 418.1

T-N-T Construction

| Project ID: | Lindreth | Report Date: | 05/12/93 |
|----------------|----------|-----------------|----------|
| Sample Matrix: | Soil | Date Sampled: | 05/10/93 |
| Preservative: | Cool | Date Received: | 05/11/93 |
| Condition: | Intact | Date Extracted: | 05/11/93 |
| | | Date Analyzed: | 05/11/93 |

| Sample ID | Lab ID | Concentration (mg/kg) | Detection Limit (mg/kg) |
|------------------------|--------|--------------------------|----------------------------|
| 1st Background Test | 2550 | ND | 12 |

ND- Analyte not detected at the stated detection limit.

Reference:Method 3550 - Sonication Extraction; Test Methods for Evaluating Solid Waste,
SW-846, United States Environmental Protection Agency, September, 1986;
Method 418.1 - Petroleum Hydrocarbons, Total Recoverable; Chemical Analysis of
Water and Waste, United States Environmental Protection Agency, 1978.

Comments:

Ana

Danie Pr

| | | | <u>S</u> | 2 | | | | | |
|---|------------------|--------------------------------------|--|----------------------------|---------------------------------------|-------------------|------------------|------------------|-----------|
| 2506 West Main \$ | Street | Inter Fa | • Mountain rmington, Nev | Laborato w Mexico | sri es, in c. 87401 | | Tel. (505 |) 326-4737 | |
| DATE SAMPLED: May 10, 1993 DATE REPORTED: May 19, 1993 | | | TNT CI | ONSTRUCTION N: LINDRITH | | | | | Page 1 of |
| | | E Ktr. | ict pH, s.u. umhos∕cm @ 25 | degrees C | 8.04 208 | | | | |
| Lab No. Location | (alrium meq/l | Magnesium meç/l | Potassium meq/1 | Sodium meq/] | Alkalinity as Bicarbonate meq/] | Chloride meq/l | Nitrate meq/1 | Sulfate ∎eq/l | |
| 2550 1st Background Test | 1,3? | 0,44 | 0.49 | 0.57 | 1.74 | 0.07 | 0.02 | 0.38 | |
| | | CATI ANIO Diff Tota Perc | UNS, meq/1 NS, meq/1 erence, meq/1 1, meq/1 ent Difference | 12 5.0 2 5 | 83 21 62 | | | | |
| Reviewed by <u>Aurile</u> <u>Sonce</u> Linda Spencer, Soil Lab Director | | | | | | | | | |

Analytes reported from a 1:1 Paste Extract.

Received by OCD: 6/3/2025 12:14:58 PM

Released to Imaging: 7/3/2025 10:33:21 AM

Page 20 of 375

Received by OCD: 6/3/2025 12:14:58, PM Inter Illountain Laboratories, Inc.

2506 W. Main Street Farmington, New Mexico 87401

TOTAL METALS - ICP SCAN

CLIENT: PROJECT:

TNT CONSTRUCTION

| Sample ID: | 1st Background Test | Date Received: | 5/11/93 |
|----------------|---------------------|-----------------|---------|
| Laboratory ID: | 2550 | Date Extracted: | 5/12/93 |
| Sample Matrix: | Soil | Date Reported: | 5/26/93 |

| | | Detection | |
|------------|---------------|-----------|-------------|
| Analyte | Concentration | Limit | Units |
| Aluminum | 8700 | 5 | mg / kg |
| Antimony | 9.5 | 1.0 | mg / kg |
| Arsenic | ND | 5 | mg / kg |
| Bismuth | 1.0 | 0.5 | mg / kg |
| Boron | ND | 0.5 | mg / kg |
| Barium | 90 | 25 | mg / kg |
| Berrylium | 0.55 | 0.25 | mg / kg |
| Cadmium | ND | 0.25 | - mg / kg - |
| Chromium | 11.5 | 1.0 | mg / kg |
| Cobalt | 5.0 | 0.5 | mg / kg |
| Copper | 6.5 | 0.5 | mg / kg |
| Gold | ND | 0.25 | mg / kg |
| Iron | 12400 | 2.5 | mg / kg |
| Lead | ND | 10 | mg / kg |
| Lithium | 7.0 | 0.5 | mg / kg |
| Manganese | 263 | 1 | mg / kg |
| Molybdenum | ND | 1 | mg / kg |
| Nickel | 8.0 | 0.5 | mg / kg |
| Phosphorus | 200 | 0.5 | mg / kg |
| Selenium | ND | 5 | mg / kg |
| Silicon | 360 | 5 | mg / kg |
| Silver | ND | 0.5 | mg / kg |
| Strontium | 18.5 | 0.5 | mg / kg |
| Thallium | ND | 25 | mg / kg |
| Thorium | 5 | . 5 . | mg / kg |
| Tin | ND | 1 | mg / kg |
| Titanium | 151 | 0.5 | mg / kg |
| Uranium | ND | 10 | mg / kg |
| Vanadium | 22.0 | 0.5 | mg / kg |
| Yttrium | 9.0 | 2.5 | mg / kg |
| Zinc | 29.5 | 0.5 | mg / kg |

ND - Parameter not detected at stated Detection Limit.

REFERENCES

"Test Methods for Evaluating Solid Waste: Physical/Chemical Methods", SW - 846, United States Environmental Protection Agency, November, 1986. Method 3050 - Acid Digestion of Sediments, Sludges, and Soils.

Reviewed

Quality Control Report TOTAL PETROLEUM HYDROCARBONS EPA Method 418.1

Method Blank Analysis

| Project ID: | Lindreth | Report Date: | 05/12/93 |
|----------------|----------|-----------------|----------|
| Sample Matrix: | Soil | Date Extracted: | 05/11/93 |
| | | Date Analyzed: | 05/11/93 |

| Lab ID | Concentration (mg/kg) | Detection Limit (mg/kg) |
|---------|--------------------------|----------------------------|
| MB34100 | ND | 2.50 |

ND- Analyte not detected at the stated detection limit.

Reference:

Method 3550 - Sonication Extraction; Test Methods for Evaluating Solid Waste, SW-846, United States Environmental Protection Agency, September, 1986; Method 418.1 - Petroleum Hydrocarbons, Total Recoverable; Chemical Analysis of Water and Waste, United States Environmental Protection Agency, 1978.

Comments:

Danie Koto

TOTAL METALS - ICP SCAN Quality Control Report - Matrix Blank

CLIENT: PROJECT:

TNT CONSTRUCTION

| Sample ID: Laboratory ID: | 1st Background Test Blank | Date Received: Date Extracted: Date Reported: | 5/11/93 5/12/93 5/26/93 | |
|------------------------------|------------------------------|---|-------------------------------|--|
| Analyte | Concentration | Detection Limit | Units | |
| Aluminum | 5 | 5 | mg / kg | |
| Antimony | ND | 1.0 | mg / kg | |
| Arsenic | ND | 5 | mg / kg | |
| Bismuth | ND | 0.5 | mg / kg | |
| Boron | 2.5 | 0.5 | mg / kg | |
| Barium | ND | 25 | mg / kg | |
| Berrylium - | ND | 0.25 | mg / kg | |
| Cadmium | ND | 0.25 | mg / kg | |
| Chromium | ND | 1.0 | mg / kg | |
| Cobalt | ND | 0.5 | mg / kg | |
| Copper | ND | 0.5 | mg / kg | |
| Gold | ND | 0.25 | mg / kg | |
| Iron | 17.0 | 2.5 | mg / kg | |
| Lead | ND | 10 | mg / kg | |
| Lithium | ND | 0.5 | mg / kg | |
| Manganese | ND | 1 | mg / kg | |
| Molybdenum | ND | 1 | mg / kg | |
| Nickel | ND | 0.5 | mg / kg | |
| Phosphorus | 1.0 | 0.5 | mg / kg | |
| Selenium | ND | 5 | mg / kg | |
| Silicon | 25 | 5 | mg / kg | |
| Silver | ND | 0.5 | mg / kg | |
| Strontium | ND | 0.5 | mg / kg | |
| Thallium. | ND | 25 | mg / kg | |
| Thorium | ND | 5 | mg / kg | |
| Tin | ND | 1 | mg / kg | |
| Titanium | ND | 0.5 | mg / kg | |
| Uranium | ND | 10 | mg / kg | |
| Vanadium | ND | 0.5 | mg / kg | |
| Yttrium | ND | 2.5 | mg / kg | |
| Zinc | 2.5 | 0.5 | mg / kg | |

ND - Parameter not detected at stated Detection Limit.

REFERENCES

"Test Methods for Evaluating Solid Waste: Physical/Chemical Methods", SW - 846, United States Environmental Protection Agency, November, 1986. Method 3050 - Acid Digestion of Sediments, Sludges, and Soils.

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Quality Control Report TOTAL PETROLEUM HYDROCARBONS EPA Method 418.1

Matrix Spike Analysis

| Project ID: | Lindreth | Report Date: | 05/12/93 |
|----------------|----------|-----------------|----------|
| Sample Matrix: | Soil | Date Extracted: | 05/11/93 |
| | | Date Analyzed: | 05/11/93 |

| Lab ID | Spiked Sample Conc. (mg/kg) | Unspiked Sample Conc. (mg/kg) | Spike Added (mg/kg) | Percent Recovery |
|------------|--------------------------------|----------------------------------|------------------------|------------------|
| MBSPK34100 | 15.1 | ND | 15.0 | 101% |

Acceptance Limits: 64 - 124%

ND- Analyte not detected at the stated detection limit.

Reference:Method 3550 - Sonication Extraction; Test Methods for Evaluating Solid Waste,
SW-846, United States Environmental Protection Agency, September, 1986;
Method 418.1 - Petroleum Hydrocarbons, Total Recoverable; Chemical Analysis of
Water and Waste, United States Environmental Protection Agency, 1978.

Comments:

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Quality Control Report TOTAL PETROLEUM HYDROCARBONS EPA Method 418.1

Duplicate Analysis

| Project ID: | Lindreth | Report Date: | 05/12/93 |
|----------------|---------------------|-----------------|----------|
| Sample ID: | 1st Background Test | Date Extracted: | 05/11/93 |
| Sample Matrix: | Soil | Date Analyzed: | 05/11/93 |

| Lab ID | Duplicate Conc. (mg/kg) | Sample Conc. (mg/kg) | Percent Difference | Acceptance Limit |
|---------|----------------------------|-------------------------|--------------------|------------------|
| 2550Dup | ND | ND | NA | < 30% |

ND - Analyte not detected at the stated detection limit. NA - Not calculated.

Reference:Method 3550 - Sonication Extraction; Test Methods for Evaluating Solid Waste,
SW-846, United States Environmental Protection Agency, September, 1986;
Method 418.1 - Petroleum Hydrocarbons, Total Recoverable; Chemical Analysis of
Water and Waste, United States Environmental Protection Agency, 1978.

Comments:

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Quality Control Report TOTAL PETROLEUM HYDROCARBONS EPA Method 418.1

Duplicate Analysis

| Project ID: | Lindreth | Report Date: | 05/12/93 |
|----------------|----------|-----------------|----------|
| Sample ID: | 2 | Date Extracted: | 05/11/93 |
| Sample Matrix: | Soil | Date Analyzed: | 05/11/93 |

| Lab ID | Duplicate Conc. (mg/kg) | Sample Conc. (mg/kg) | Percent Difference | Acceptance Limit |
|---------|----------------------------|-------------------------|--------------------|------------------|
| 2545Dup | 279 | 261 | 7% | < 30% |

ND - Analyte not detected at the stated detection limit. NA - Not calculated.

Reference:Method 3550 - Sonication Extraction; Test Methods for Evaluating Solid Waste,
SW-846, United States Environmental Protection Agency, September, 1986;
Method 418.1 - Petroleum Hydrocarbons, Total Recoverable; Chemical Analysis of
Water and Waste, United States Environmental Protection Agency, 1978.

Comments:

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Quality Control Report TOTAL PETROLEUM HYDROCARBONS EPA Method 418.1

Matrix Spike Duplicate Analysis

| Project ID: | Lindreth | Report Date: | 05/12/93 |
|----------------|----------|-----------------|----------|
| Sample Matrix: | Soil | Date Extracted: | 05/11/93 |
| | | Date Analyzed: | 05/11/93 |

| Lab ID | Spiked Duplicate Conc. (mp/kg) | Spiked Sample Conc. (mg/kg) | Percent Difference | Acceptance Limit |
|--------------|-----------------------------------|--------------------------------|--------------------|------------------|
| MBSPKDP34100 | 15.2 | 15.1 | 1% | < 20% |

ND- Analyte not detected at the stated detection limit.

Reference: Method 3550 - Sonication Extraction; Test Methods for Evaluating Solid Waste, SW-846, United States Environmental Protection Agency, September, 1986; Method 418.1 - Petroleum Hydrocarbons, Total Recoverable; Chemical Analysis of Water and Waste, United States Environmental Protection Agency, 1978.

Comments:

Denie Vor

Review

TOTAL METALS - ICP SCAN Quality Control Report - Duplicate Analysis

| CLIENT: | |
|----------|--|
| PROJECT: | |

TNT CONSTRUCTION Lindrith

Sample ID: Laboratory ID: Sample Matrix:

1st Background Test 2550dup Soil

| Date Received: | 5/11/93 |
|-----------------|---------|
| Date Extracted: | 5/12/93 |
| Date Reported: | 5/26/93 |

| Analyia | Original Concentration | Duplicate Concentration | Detection Limit | Relative Percent Difference | Units |
|------------|---------------------------|----------------------------|--------------------|--------------------------------|---------|
| Aluminum | 9950 | 9950 | 5 | 0 | mg / kg |
| Antimony | 9.5 | 9.5 | 1.0 | 0 | mg / kg |
| Arsenic | ND | ND | 5 | NC | mg / kg |
| Bismuth | 1.0 | ND | 0.5 | NC | mg / kg |
| Boron | ND | ND | 0.5 | NC | mg / kg |
| Barium | 90 | 85 | 25 | 5.7 | mg / kg |
| Berrylium | 0.55 | 0.60 | 0.25 | 8.7 | mg / kg |
| Cadmium | ND | ND | 0.25 | NC | mg / kg |
| Chromium | 11.5 | 12.5 | 1.0 | 8.3 | mg / kg |
| Cobalt | 5.0 | 5.0 | 0.5 | ••• 0 | mg / kg |
| Copper | 6.5 | 6.5 | 0.5 | 0 | mg / kg |
| Gold | ND | ND | 0.25 | NC | mg / kg |
| Iron | 12400 | 12750 | 2.5 | 2.8 | mg / kg |
| Lead | ND | ND | 10 | NC | mg / kg |
| Lithium | 7.0 | 7.0 | 0.5 | 0 . | mg / kg |
| Manganese | 263 | 254 | 1 | 3.5 | mg / kg |
| Molybdenum | ND | ND | 1 | NC | mg / kg |
| Nickel | 8.0 | 8.0 | 0.5 | 0 | mg / kg |
| Phosphorus | 200 | 199 | 0.5 | 0.3 | mg / kg |
| Selenium | ND | ND | 5 | NC | mg / kg |
| Silicon | 360 | 265 | 5 | 30.4 | mg / kg |
| Silver | ND | ND | 0.5 | NC | mg / kg |
| Strontium | 18.5 | . 18,5 | 0.5 | 0 | mg / kg |
| Thallium | ND | ND | 25 | NC | mg / kg |
| Thorium | 5 | 10 | 5 | 66.7 | mg / kg |
| Tin | ND | ND | 1 | NC | mg / kg |
| Titanium | 151 | 155 | 0.5 | 2.6 | mg / kg |
| Uranium | ND | ND | 10 | NC | mg / kg |
| Vanadium | 22.0 | 23.0 | 0.5 | 4.4 | mg / kg |
| Yttrium | 9.0 | 9.0 | 2.5 | 0 | mg / kg |
| Zinc | 29.5 | 29.5 | 0.5 | 0 | mg / kg |

ND - Parameter not detected at stated Detection Limit.

NC - Noncalculable RPD due to value(s) less the DL.

REFERENCES

Reviewed

Refeased to Imaging: 7/3/2025 10:33:21 AM

"Test Methods for Evaluating Solid Waste: Physical/Chemical Methods", SW

- 846, United States Environmental Protection Agency, November, 1986.

Method 3050 - Acid Digestion of Sediments, Sludges, and Soils.

T-N-T Landfarm

Case Narrative

On September 5 1994, thirty soil samples were submitted to Inter-Mountain Laboratories -Farmington for analysis. The samples were received intact. Analyses for Benzene-Toluene-Ethylbenzene-Xylenes (BTEX), Total Petroleum Hydrocarbons (TPH), TCLP Metals, Nitrate, Phosphate, and Potassium (NPK) were performed on the samples as per the accompanying Chain of Custody document.

BTEX analysis on the samples were performed by EPA Method 5030, Purge and Trap, and EPA Method 8020, Aromatic Volatile Hydrocarbons, using an OI Analytical 4560 Purge and Trap and a Hewlett-Packard 5890 Gas Chromatograph, equipped with a photoionization detector. Detectable levels of BTEX analytes were found in the samples as indicated in the enclosed report.

The Total Petroleum Hydrocarbon samples were extracted by Method 3550, "Sonication Extraction", with 1,1,2-trichloro 1,2,2-trifluoroethane (Freon) as the extraction solvent. Analysis was by Method 418.1, "Total Recoverable Petroleum Hydrocarbons", using a Beckman Acculab 10 Infrared Spectro-photometer. Petroleum hydrocarbons were detected in the samples as indicated in the enclosed report.

It is the policy of this laboratory to employ, whenever possible, preparatory and analytical methods which have been approved by regulatory agencies. The methods used in the analyses of the samples reported herein are found in Test Methods for Evaluation of Solid Waste, SW-846, USEPA, 1986 and Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, USEPA, 1983.

Quality control reports appear at the end of the analytical package and may be identified by title. If there are any questions regarding the information presented in this package, please feel free to call at your convenience.

Sincerely.

Inna Schaeren

Anna Schaerer **Organic Analyst**

TOTAL PETROLEUM HYDROCARBONS EPA METHOD 418.1

T-N-T Landfarm

Project: Soils Matrix: Soil Condition: Intact/Cool

| Date Reported: | 09/21/94 |
|-----------------|----------|
| Date Sampled: | 09/05/94 |
| Date Received: | 09/06/94 |
| Date Extracted: | 09/12/94 |
| Date Analyzed: | 09/13/94 |

| Sample ID | Lab ID | Result (ma/kg) | Detection Limit |
|-------------------------|----------|-------------------|--------------------|
| | | | |
| Background Area #2 | G01455 | 85 | 20 |
| Cell 1-A, B, C 98 #11 | G01456 | 300 | 20 |
| Cell 1-D, E&F, G 98 # · | G01457 | 270 | 20 |
| Cell 1-H, I, J 96-3A | G01458 | 420 | 20 |
| Cell 1-K, L, M 96-3A | G01459 | 140 | 20 |
| Cell 1-N, O, P 96-3A | G01460 | 260 | 19 |
| Cell 1-Q, R, S 96-3A | - G01461 | 95 | ****** 17 |
| Cell 2-M, A 98 #5A | G01462 | 240 | 18 |
| Cell 1-0, P, Q 98 #10 | G01463 | 250 | 18 |
| Cell 1-A, D, J 98 #10 | G01464 | 290 | 19 |

ND - Analyte not detected at stated detection level.

References:

- Method 418.1: Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.
- Method 3550: Ultrasonic Extraction of Non-Volatile and Semi-Volatile Organic Compounds from Solids, USEPA SW-846, Rev. 1, July 1992.

Analyst: Anna Schaeren

Reviewed:

TOTAL PETROLEUM HYDROCARBONS EPA METHOD 418.1

T-N-T Landfarm

Project: Soils Matrix: Soil Condition: Intact/Cool

| Date Reported: | 09/21/94 |
|-----------------|----------|
| Date Sampled: | 09/05/94 |
| Date Received: | 09/06/94 |
| Date Extracted: | 09/13/94 |
| Date Analyzed: | 09/13/94 |
| | |

| | Sample ID | Lab ID | Resul | t Detecti | ion |
|------------|--------------------------|---------|--------|-----------|-----|
| | | | (mg/kg | a) Limil | |
| J | Cell 1-R & 5 98 #10 | G01465 | 160 | 19 | |
| 1 | Cell 1-G 96-3A | G01466 | 160 | 20 | |
| J | Cell 2-N 98 #10 | G01467 | 180 | 19 | |
| 1 | Cell 2-A, C & D 98 #10 | G01468 | 130 | 20 | |
| .7 | Cell 2-G, H, I 98 #5A | G01469 | 110 | 19 | |
| *** | Cell 2-B, E, F 98 #5A ~ | G01470 | ND | 18 | |
| | Cell 2-E, I & J 98 #10A- | -G01471 | 62 | 18 | |
| (1.43 Mar) | Cell 2-K, L & N 98 #10 - | -G01472 | 64 | | |
| 9414 · 4 | Cell 2-O & Q 98 #10A | G01473 | ND | · | |
| TRE-Sector | Cell 2-P 98 #5A 👘 🚥 | G01474 | 68 | 19 | |
| | | | | | |

ND - Analyte not detected at stated detection level.

References:

- Method 418.1: Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.
- Method 3550: Ultrasonic Extraction of Non-Volatile and Semi-Volatile Organic Compounds from Solids, USEPA SW-846, Rev. 1, July 1992.

Analyst: dnma Schaerer

Reviewed: 102

TOTAL PETROLEUM HYDROCARBONS EPA METHOD 418.1

T-N-T Landfarm

Project: Soils Matrix: Soil Condition: Intact/Cool

| 09/21/94 |
|----------|
| 09/05/94 |
| 09/06/94 |
| 09/14/94 |
| 09/16/94 |
| |

| | Sample ID | Lab ID | Result (mg/kg) | Detection Limit |
|---------------------------------|---|------------------|-------------------|--------------------|
| ng pilopin (nois-1944 1944 Pilo | Cell 4-A, B & C, D 98 #10 | G01475 | 774 | |
| | Cell 4-G, H, I & K 98 #12 Cell 4-D, E & F 98 #12 | G01476 G01477 | 44 ND | 20 20 |
| ~ | Cell 4-L, M 98 #11A | G01478 | 170 | 20 |
| | Cell 3-C 98 #5A | G01479 G01480 | 240 91 | 20 |
| v | Cell 2-E & I 98 #10A | G01481 | ND 160 | 19 10 |
| , J | Cell 3-E 98 #12 | G01402 G01483 | 330 | 20 |
| | Cell 3-F 98 #11A | G01484 | 170 | 17 |

ND - Analyte not detected at stated detection level.

References:

- Method 418.1: Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.
- Method 3550: Ultrasonic Extraction of Non-Volatile and Semi-Volatile Organic Compounds from Solids, USEPA SW-846, Rev. 1, July 1992.

Analyst: Anna Schaerer

Reviewed:

| Client: | T-N-T Landfarm | | 2506 W. Main Street Farmington, New Mexico 87401 |
|----------------|--------------------|----------------|---|
| Project: | Soils | Date Reported: | 09/26/94 |
| Sample ID: | Background Area #2 | Date Sampled: | 09/05/94 |
| Laboratory ID: | G01455 | Time Sampled: | 1720 |
| Sample Matrix: | Soil | Date Received: | 09/06/94 |
| Condition: | Cool/Intact | | |

Analytical

Result

0.12

0.26

97

Reference: U.S.E.P.A. 600/4-79-020, "Methods for Chemical Analysis of Water and Wastes", 1983 "Standard Methods For The Examination Of Water And Waste Water", 17th ed., 1989.

Reported by dnna Schaue

Reviewed by

Units

ppm

ppm

ppm

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Parameter

Nitrate.....

Phosphate.....

Potassium.....

Received by OCD: 6/3/2025 12:14:58 PM Inter Mountain Laboratories, Inc.

2506 W. Main Street Farmington, New Mexico 87401

TOXICITY CHARACTERISTIC LEACHING PROCEDURE TRACE METAL CONCENTRATION

Client:T-N-T LandfarmProject:SoilsSample ID:Background Area #2Laboratory ID:G01455Sample Matrix:SoilCondition:Cool/ Intact

 Date Reported:
 09/26/94

 Date Sampled:
 09/05/94

 Date Received:
 09/06/94

 Date Analyzed:
 09/13-16/94

| Parameter | Result | Detection Limit | Regulatory Level | Units |
|-----------|--------|--------------------|---------------------|-------|
| | | | | |
| Arsenic | 0.005 | 0.005 | 5 | mg/L |
| Barium | 2.1 | 0.5 | 100 | mg/L |
| Cadmium | 0.006 | 0.002 | 1 | mg/L |
| Chromium | ND | 0.02 | 5 | mg/L |
| Lead | 0.13 | 0.005 | 5 | mg/L |
| Mercury | ND | 0.001 | 0.2 | mg/L |
| Selenium | ND | 0.005 | 1 | mg/L |
| Silver | ND | 0.01 | 5 | mg/L |

References:

Method 1311: Toxicity Characteristic Leaching Procedure, SW-846, Rev. 0, July 1992.

Method 3010A: Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, Rev. 1, July 1992.

Reported By: Anna Schaen

Reviewed:

Project ID: Sample ID: Lab ID:

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Project ID: | Soils | Report Date: | 09/21/94 |
|----------------|--------------------|-----------------|----------|
| Sample ID: | Background Area #2 | Date Sampled: | 09/05/94 |
| Lab ID: | G01455 | Date Received: | 09/06/94 |
| Sample Matrix: | Soil | Date Extracted: | 09/06/94 |
| Condition: | Cool/Intact | Date Analyzed: | 09/08/94 |
| | | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | ND | 9.6 |
| Toluene | ND | 9.6 |
| Ethylbenzene | ND | 9.6 |
| m,p-Xylenes | ND | 9.6 |
| o-Xylene | ND | 9.6 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | <u>Surrogate</u> | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 98.5 | 74 -121% |
| Defe | | | |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Analyst

lit

Received by OCD: 6/3/2025 12:14:58 PM

Inter Mountain Laboratories, Inc.

2506 W. Main Street Farmington, New Mexico 87401

TOXICITY CHARACTERISTIC LEACHING PROCEDURE METHOD BLANK

| Client: | T-N-T Landfarm |
|----------------|--------------------|
| Project: | Soils |
| Sample ID: | Background Area #2 |
| Laboratory ID: | G01455 |
| Sample Matrix: | Soil |
| Condition: | Cool/ Intact |

| 09/26/94 |
|-------------|
| 09/05/94 |
| 09/06/94 |
| 09/13-16/94 |
| |

| Parameter | Result | Detection Limit | Units |
|-----------|--------|--------------------|-------|
| | | | |
| Arsenic | ND | 0.005 | mg/L |
| Barium | 1.0 | 0.5 | mg/L |
| Cadmium | ND | 0.002 | mg/L |
| Chromium | ND | 0.02 | mg/L |
| Lead | ND | 0.005 | mg/L |
| Mercury | ND | 0.001 | mg/L |
| Selenium | ND | 0.005 | mg/L |
| Silver | ND | 0.01 | mg/L |

References:

i.

Method 1311: Toxicity Characteristic Leaching Procedure, SW-846, Rev. 0, July 1992.

Method 3010A: Acid Digestion of Aqueous Samples and Extracts for Total Metals, SW-846, Rev. 1, July 1992.

Reported By: Anna Schaeren

Reviewed: 112
TOTAL PETROLEUM HYDROCARBONS Quality Assurance/Quality Control

T-N-T Landfarm

| Project: | Soils | Date Reported: | 09/21/94 |
|------------|-------------|-----------------|----------|
| Matrix: | Soil | Date Sampled: | 09/05/94 |
| Condition: | Intact/Cool | Date Received: | 09/06/94 |
| | | Date Extracted: | 09/12/94 |
| | | Date Analyzed: | 09/13/94 |

Duplicate Analysis

| Lab ID | Sample Result | Duplicate Result | Units | % Difference |
|--------|------------------|---------------------|-------|--------------|
| G01464 | 290 | 300 | ppm | 4.7% |

Matrix Spike Analysis

| Lab ID | Sample Result | Spike Result | Spike Added | % Recovery |
|--------|------------------|-----------------|----------------|------------|
| | | | | |
| G01455 | 4.3 | 13.5 | 10 | 92.0% |

Method Blank Analysis

| Lab ID | | Result | Detection Limit | |
|--------|--|--------|--------------------|--|
| МВ | | ND | 20 | |

ND - Analyte not detected at stated detection level.

References:

Method 418.1: Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.

Method 3510: Separatory Funnel Liquid - Liquid Extraction, USEPA SW-846, Test Methods for Evaluating Solid Waste, Rev. 1, July. 1992.

Analyst: dnma Schaerer

Reviewed: <u>UP</u>

TOTAL PETROLEUM HYDROCARBONS Quality Assurance/Quality Control

T-N-T Landfarm

| Project: | Soils | Date Reported: | 09/21/94 |
|------------|-------------|-----------------|----------|
| Matrix: | Soil | Date Sampled: | 09/05/94 |
| Condition: | Intact/Cool | Date Received: | 09/06/94 |
| | | Date Extracted: | 09/13/94 |
| | | Date Analyzed: | 09/13/94 |

Duplicate Analysis

| Lab ID | Sample Result | Duplicate Result | Units | % Difference |
|--------|------------------|---------------------|-------|--------------|
| G01474 | 68 | 72 | ppm | 5.6% |

Matrix Spike Analysis

| Lab ID | Sample Result | Spike Result | Spike Added | % Recovery |
|--------|------------------|-----------------|----------------|------------|
| G01465 | 8.7 | 16.9 | 10 | 82.0% |

Method Blank Analysis

| Lab ID | Result | Detection Limit |
|--------|--------|--------------------|
| MB | ND | 20 |

References:

ND - Analyte not detected at stated detection level.

Method 418.1: Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.

Method 3510: Separatory Funnel Liquid - Liquid Extraction, USEPA SW-846, Test Methods for Evaluating Solid Waste, Rev. 1, July. 1992.

Analyst: Anna Schaeren

Reviewed:

TOTAL PETROLEUM HYDROCARBONS Quality Assurance/Quality Control

T-N-T Landfarm

| Project: | Soils | Date Reported: | 09/21/94 |
|------------|-------------|-----------------|----------|
| Matrix: | Soil | Date Sampled: | 09/05/94 |
| Condition: | Intact/Cool | Date Received: | 09/06/94 |
| | | Date Extracted: | 09/14/94 |
| | | Date Analyzed: | 09/16/94 |

Duplicate Analysis

| Lab ID | Sample Result | Duplicate Result | Units | % Difference |
|--------|------------------|---------------------|-------|--------------|
| G01484 | 170 | 180 | ppm | 1.6% |

Matrix Spike Analysis

| Lab ID | Sample Result | Spike Result | Spike Added | % Recovery |
|--------|------------------|-----------------|----------------|------------|
| G01475 | 3.8 | 15 | 10 | 112.0% |

Method Blank Analysis

| Lab ID | Result | Detection Limit |
|--------|--------|--------------------|
| MB | ND | 20 |

References:

ND - Analyte not detected at stated detection level.

- Method 418.1: Petroleum Hydrocarbons, Total Recoverable, USEPA Chemical Analysis of Water and Waste, 1978.
- Method 3510: Separatory Funnel Liquid Liquid Extraction, USEPA SW-846, Test Methods for Evaluating Solid Waste, Rev. 1, July. 1992.

Analyst: Anna Schaeres

Reviewed: <u>LiP</u>

Lab ID:

VOLATILE AROMATIC HYDROCARBONS

Duplicate Analysis

| Lab ID: | G01455 | Report Date: | 09/21/94 |
|----------------|-------------|-----------------|----------|
| Sample Matrix: | Soil | Date Sampled: | 09/05/94 |
| Condition: | Cool/Intact | Date Received: | 09/06/94 |
| | | Date Extracted: | 09/06/94 |
| | | Date Analyzed: | 09/08/94 |

| Target Analyte | Duplicate Concentration (ppb) | Original Concentration (ppb) | % Difference |
|----------------|----------------------------------|---------------------------------|--------------|
| Benzene | ND | ND | NA |
| Toluene | ND | ND | NA |
| Ethylbenzene | ND | ND | NA |
| m,p-Xylenes | ND | ND | NE |
| o-Xylene | ND | ND | NE |

ND - Analyte not detected at the stated detection limit.

NA - Not applicable or not calculated.

NE - Duplicate acceptance range not established by the EPA.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 106.7 | 74 -121% |

Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test **Reference:** Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Analyst

12

Lab ID:

VOLATILE AROMATIC HYDROCARBONS

Duplicate Analysis

| Lab ID: | G01465 | Report Date: | 09/21/94 |
|----------------|-------------|-----------------|----------|
| Sample Matrix: | Soil | Date Sampled: | 09/05/94 |
| Condition: | Cool/Intact | Date Received: | 09/06/94 |
| | | Date Extracted: | 09/09/94 |
| | | Date Analyzed: | 09/12/94 |

| Target Analyte | Duplicate Concentration (ppb) | Original Concentration (ppb) | % Difference |
|----------------|----------------------------------|---------------------------------|--------------|
| Benzene | 37 | 36 | 2.7 |
| Toluene | 130 | 120 | 8.0 |
| Ethylbenzene | 30 | 29 | 3.4 |
| m,p-Xylenes | 200 | 190 | NE |
| o-Xylene | 67 | 62 | NE |

ND - Analyte not detected at the stated detection limit.

NA - Not applicable or not calculated.

NE - Duplicate acceptance range not established by the EPA.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 105.3 | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Inna Schaerer Analyst

ið-

Lab ID:

VOLATILE AROMATIC HYDROCARBONS

Duplicate Analysis

| Lab ID: | G01475 | Report Date: | 09/21/94 |
|-----------------------|-------------|-----------------|----------|
| Sample Matrix: | Soil | Date Sampled: | 09/05/94 |
| Condition: Cool/Intac | Cool/Intact | Date Received: | 09/06/94 |
| | | Date Extracted: | 09/12/94 |
| | | Date Analyzed: | 09/13/94 |

| Target Analyte | Duplicate Concentration (ppb) | Original Concentration (ppb) | % Difference |
|----------------|----------------------------------|---------------------------------|--------------|
| Benzene | 33 | 38 | 14.1 |
| Toluene | 160 | 160 | 0.0 |
| Ethylbenzene | 52 | 51 | 1.9 |
| m,p-Xylenes | 290 | 280 | NE |
| o-Xylene | 110 | 110 | NE |

ND - Analyte not detected at the stated detection limit.

NA - Not applicable or not calculated.

NE - Duplicate acceptance range not established by the EPA.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 112.9 | 74 -121% |

Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test **Reference:** Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

nna Schaeres

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VOLATILE AROMATIC HYDROCARBONS

Matrix Spike Analysis

Lab ID: G01460 Sample Matrix: Soil Condition:

Cool/Intact

Report Date: 09/21/94 Date Sampled: 09/05/94 Date Received: 09/06/94 Date Extracted: 09/06/94 Date Analyzed: 09/09/94

| Target Analyte | Spiked Sample Result in ng | Sample result in ng | Spike Added (ng) | % Recovery | Acceptance Limits (%) |
|----------------|-------------------------------|------------------------|---------------------|------------|--------------------------|
| Benzene | 49 | 6.8 | 45 | 94.7% | 39-150 |
| Toluene | 57 | 14 | 45 | 96.1% | 32-160 |
| Ethylbenzene | 48 | 3.4 | 45 | 98.4% | 46-148 |
| m,p-Xylenes | 110 | 19 | 90 | 98.1% | NE |
| o-Xylene | 50 | 5.9 | 45 | 97.4% | NE |

ND - Analyte not detected at the stated detection limit.

NA - Not applicable or not calculated.

NE - Spike acceptance range not established by the EPA.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 97.4% | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Analyst

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VOLATILE AROMATIC HYDROCARBONS

Matrix Spike Analysis

| Lab ID: | G01470 |
|----------------|-------------|
| Sample Matrix: | Soil |
| Condition: | Cool/Intact |

| Report Date: | 09/21/94 |
|-----------------|----------|
| Date Sampled: | 09/05/94 |
| Date Received: | 09/06/94 |
| Date Extracted: | 09/12/94 |
| Date Analyzed: | 09/13/94 |
| | |

| Target Analyte | Spiked Sample Result in ng | Sample result in ng | Spike Added (ng) | % Recovery | Acceptance Limits (%) |
|----------------|-------------------------------|---------------------|---------------------|------------|--------------------------|
| Benzene | 48 | 1.2 | 45 | 103.8% | 39-150 |
| Toluene | 51 | 4.7 | 45 | 103.1% | 32-160 |
| Ethylbenzene | 48 | 11.0 | 45 | 103.7% | 46-148 |
| m,p-Xylenes | 98 | 6.6 | 90 | 102.1% | NE |
| o-Xylene | 49 | 2.4 | 45 | 102.6% | NE |

ND - Analyte not detected at the stated detection limit.

NA - Not applicable or not calculated.

NE - Spike acceptance range not established by the EPA.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 99.4% | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

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VOLATILE AROMATIC HYDROCARBONS

Matrix Spike Analysis

| Lab ID: | G01480 |
|----------------|-------------|
| Sample Matrix: | Soil |
| Condition: | Cool/Intact |

| | Ŧ |
|--------------------------|---|
| Date Sampled: 09/05/94 | 4 |
| Date Received: 09/06/94 | 4 |
| Date Extracted: 09/13/94 | 4 |
| Date Analyzed: 09/14/94 | 1 |

| Target Analyte | Spiked Sample Result in ng | Sample result in ng | Spike Added (ng) | % Recovery | Acceptance Limits (%) |
|----------------|-------------------------------|---------------------|---------------------|------------|--------------------------|
| Benzene | 48 | 1.5 | 45 | 103.1% | 39-150 |
| Toluene | 49 | 9.8 | 45 | 86.2% | 32-160 |
| Ethylbenzene | 46 | 2.7 | 45 | 95.6% | 46-148 |
| m,p-Xylenes | 93 | 17 | 90 | 85.3% | NE |
| o-Xylene | 47 | 6.1 | 45 | 90.4% | NE |

ND - Analyte not detected at the stated detection limit.

NA - Not applicable or not calculated.

NE - Spike acceptance range not established by the EPA.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 104.2% | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Analyst

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VOLATILE AROMATIC HYDROCARBONS QUALITY CONTROL REPORT

Method Blank Analysis

T-N-T Landfarm

Sample Matrix: Lab ID: Water Method Blank Report Date:09/21/94Date Analyzed:09/08/94

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | ND | 0.2 |
| Toluene | ND | 0.2 |
| Ethylbenzene | ND | 0.2 |
| m,p-Xylenes | ND | 0.2 |
| o-Xylene | ND | 0.2 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 105.0 | 74-121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

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VOLATILE AROMATIC HYDROCARBONS QUALITY CONTROL REPORT

Method Blank Analysis

T-N-T Landfarm

Sample Matrix: Lab ID: Water Method Blank Report Date:09/21/94Date Analyzed:09/12/94

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | ND | 0.2 |
| Toluene | ND | 0.2 |
| Ethylbenzene | ND | 0.2 |
| m,p-Xylenes | ND | 0.2 |
| o-Xylene | ND | 0.2 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | <u>Surrogate</u> | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 96.4 | 74-121% |
| | | | |

Reference:Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test
Methods for Evaluating Solid Wastes, SW-846, United States Environmental
Protection Agency, September 1986.

Comments:

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VOLATILE AROMATIC HYDROCARBONS QUALITY CONTROL REPORT

Method Blank Analysis

T-N-T Landfarm

Sample Matrix: Lab ID:

Water Method Blank

Report Date: 09/21/94 Date Analyzed: 09/13/94

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | ND | 0.2 |
| Toluene | ND | 0.2 |
| Ethylbenzene | ND | 0.2 |
| m,p-Xylenes | ND | 0.2 |
| o-Xylene | ND | 0.2 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|-----------------------|-----------------------|----------------------------------|
| | Bromofluorobenzene | 102.4 | 74-121% |
| Reference: | Method 5030, Purge ar | nd Trap: Method 8020. | Aromatic Volatile Organics: Test |

Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

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Project ID:

Sample ID: Lab ID:

Sample Matrix: Condition:

2506 W. Main Street Farmington, New Mexico 87401

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Soils | Report Date: | 09/21/94 |
|-----------------------|-----------------|----------|
| Cell 1-A, B, C 98 #11 | Date Sampled: | 09/05/94 |
| G01456 | Date Received: | 09/06/94 |
| Soil | Date Extracted: | 09/06/94 |
| Cool/Intact | Date Analyzed: | 09/08/94 |
| | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 22 | 10.0 |
| Toluene | 84 | 10.0 |
| Ethylbenzene | 31 | 10.0 |
| m,p-Xylenes | 140 | 10.0 |
| o-Xylene | 46 | 10.0 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|-----------------------|-----------------------|----------------------------------|
| | Bromofluorobenzene | 104.2 | 74 -121% |
| Reference: | Method 5030, Purge ar | nd Trap: Method 8020. | Aromatic Volatile Organics: Test |

Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Anna Schaerer Analyst

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VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Project ID: | Soils | Report Date: | 09/21/94 |
|----------------|--------------------------|-----------------|----------|
| Sample ID: | Cell 1-D, E& F, G 98 #11 | Date Sampled: | 09/05/94 |
| Lab ID: | G01457 | Date Received: | 09/06/94 |
| Sample Matrix: | Soil | Date Extracted: | 09/06/94 |
| Condition: | Cool/Intact | Date Analyzed: | 09/08/94 |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 57 | 10.0 |
| Toluene | 330 | 10.0 |
| Ethylbenzene | 79 | 10.0 |
| m,p-Xylenes | 360 | 10.0 |
| o-Xylene | 140 | 10.0 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | <u>Surrogate</u> | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 87.7 | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

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VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Project ID: | Solis | Report Date: | 09/21/94 |
|----------------|----------------------|-----------------|----------|
| Sample ID: | Cell 1-H, I, J 96-3A | Date Sampled: | 09/05/94 |
| Lab ID: | G01458 | Date Received: | 09/06/94 |
| Sample Matrix: | Soil | Date Extracted: | 09/06/94 |
| Condition: | Cool/Intact | Date Analyzed: | 09/08/94 |
| | | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 12 | 10.0 |
| Toluene | 75 | 10.0 |
| Ethylbenzene | 27 | 10.0 |
| m,p-Xylenes | 130 | 10.0 |
| o-Xylene | 37 | 10.0 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | Surrogate | Percent Recovery | <u>Acceptance Limits</u> | |
|------------------|------------------------|-------------------------------|--------------------------|--|
| | Bromofluorobenzene | 85.9 | 74 -121% | |
| Reference: | Method 5030, Purge and | I Trap; Method 8020, Aromatic | volatile Organics; Test | |

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Comments:

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VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Project ID: | Soils | Report Date: | 09/21/94 |
|----------------|----------------------|-----------------|----------|
| Sample ID: | Cell 1-K, L, M 96-3A | Date Sampled: | 09/05/94 |
| Lab ID: | G01459 | Date Received: | 09/06/94 |
| Sample Matrix: | Soil | Date Extracted: | 09/06/94 |
| Condition: | Cool/Intact | Date Analyzed: | 09/08/94 |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 25 | 9.8 |
| Toluene | 100 | 9.8 |
| Ethylbenzene | 44 | 9.8 |
| m,p-Xylenes | 190 | 9.8 |
| o-Xylene | 64 | 9.8 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|------------------------|-------------------------------|-------------------------|
| | Bromofluorobenzene | 90.1 | 74 -121% |
| Reference: | Method 5030, Purge and | I Trap; Method 8020, Aromatic | volatile Organics; Test |

Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

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Review

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Project ID:

Sample ID: Lab ID:

Sample Matrix: Condition:

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Soils | Report Date: | 09/21/94 |
|----------------------|-----------------|----------|
| Cell 1-N, O, P 96-3A | Date Sampled: | 09/05/94 |
| G01460 | Date Received: | 09/06/94 |
| Soil | Date Extracted: | 09/06/94 |
| Cool/Intact | Date Analyzed: | 09/09/94 |
| | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 67 | 9.9 |
| Toluene | 140 | 9.9 |
| Ethylbenzene | 33 | 9.9 |
| m,p-Xylenes | 180 | 9.9 |
| o-Xylene | 59 | 9.9 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 101.4 | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Anna Schaerer Analyst

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> Project ID: Sample ID: Lab ID:

Sample Matrix: Condition: 2506 W. Main Street Farmington, New Mexico 87401

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Solis | Report Date: | 09/21/94 |
|----------------------|-----------------|----------|
| Cell 1-Q, R, S 96-3A | Date Sampled: | 09/05/94 |
| G01461 | Date Received: | 09/06/94 |
| Soil | Date Extracted: | 09/09/94 |
| Cool/Intact | Date Analyzed: | 09/09/94 |
| | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 10 | 9.7 |
| Toluene | 74 | 9.7 |
| Ethylbenzene | 19 | 9.7 |
| m,p-Xylenes | 110 | 9.7 |
| o-Xylene | 45 | 9.7 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 98.7 | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

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Project ID:

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VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Project ID: | Solis | Report Date: | 09/21/94 |
|----------------|--------------------|-----------------|----------|
| Sample ID: | Cell 2-M, A 98 #5A | Date Sampled: | 09/05/94 |
| Lab ID: | G01462 | Date Received: | 09/06/94 |
| Sample Matrix: | Soil | Date Extracted: | 09/09/94 |
| Condition: | Cool/Intact | Date Analyzed: | 09/12/94 |
| | | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 61 | 10.0 |
| Toluene | 250 | 10.0 |
| Ethylbenzene | 48 | 10.0 |
| m,p-Xylenes | 300 | 10.0 |
| o-Xylene | 110 | 10.0 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | <u>Surrogate</u> | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 104.4 | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

<u>Anna Schaerer</u>

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2506 W. Main Street Farmington, New Mexico 87401

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Project ID: | Soils | Report Date: | 09/21/94 |
|----------------|---------------------|-----------------|----------|
| Sample ID: | Cell 1-O,P,Q 98 #10 | Date Sampled: | 09/05/94 |
| Lab ID: | G01463 | Date Received: | 09/06/94 |
| Sample Matrix: | Soil | Date Extracted: | 09/09/94 |
| Condition: | Cool/Intact | Date Analyzed: | 09/12/94 |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 52 | 9.7 |
| Toluene | 160 | 9.7 |
| Ethylbenzene | 47 | 9.7 |
| m,p-Xylenes | 260 | 9.7 |
| o-Xylene | 85 | 9.7 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | <u>Surrogate</u> | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 100.1 | 74 -121% |

Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test **Reference:** Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

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VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Soils | Report Date: | 09/21/94 |
|---------------------|---|---|
| Cell 1-A,D,J 98 #10 | Date Sampled: | 09/05/94 |
| G01464 | Date Received: | 09/06/94 |
| Soil | Date Extracted: | 09/09/94 |
| Cool/Intact | Date Analyzed: | 09/12/94 |
| | Soils Cell 1-A,D,J 98 #10 G01464 Soil Cool/Intact | SoilsReport Date:Cell 1-A,D,J 98 #10Date Sampled:G01464Date Received:SoilDate Extracted:Cool/IntactDate Analyzed: |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 55 | 9.8 |
| Toluene | 180 | 9.8 |
| Ethylbenzene | 58 | 9.8 |
| m,p-Xylenes | 300 | 9.8 |
| o-Xylene | 90 | 9.8 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 90.7 | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Anna Schaerer Analyst

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VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Project ID: | Soils | Report Date: | 09/21/94 |
|----------------|---------------------|-----------------|----------|
| Sample ID: | Cell 1-R & 5 98 #10 | Date Sampled: | 09/05/94 |
| Lab ID: | G01465 | Date Received: | 09/06/94 |
| Sample Matrix: | Soil | Date Extracted: | 09/09/94 |
| Condition: | Cool/Intact | Date Analyzed: | 09/12/94 |
| | | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 36 | 9.7 |
| Toluene | 120 | 9.7 |
| Ethylbenzene | 29 | 9.7 |
| m,p-Xylenes | 190 | 9.7 |
| o-Xylene | 62 | 9.7 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 92.9 | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

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VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Project ID: | Soils | Report Date: | 09/21/94 |
|----------------|----------------|-----------------|----------|
| Sample ID: | Cell 1-G 96-3A | Date Sampled: | 09/05/94 |
| Lab ID: | G01466 | Date Received: | 09/06/94 |
| Sample Matrix: | Soil | Date Extracted: | 09/09/94 |
| Condition: | Cool/Intact | Date Analyzed: | 09/12/94 |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 32 | 9.6 |
| Toluene | 130 | 9.6 |
| Ethylbenzene | 37 | 9.6 |
| m,p-Xylenes | 230 | 9.6 |
| o-Xylene | 64 | 9.6 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | <u>Surrogate</u> | Percent Recovery | Acceptance Limits |
|------------------|-----------------------|----------------------------|------------------------------|
| | Bromofluorobenzene | 93.9 | 74 -121% |
| Reference: | Method 5030, Purge ar | nd Trap; Method 8020, Arom | atic Volatile Organics: Test |

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Comments:

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2506 W. Main Street Farmington, New Mexico 87401

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Project ID: | Soils | Report Date: | 09/21/94 |
|----------------|-----------------|-----------------|----------|
| Sample ID: | Cell 2-N 98 #10 | Date Sampled: | 09/05/94 |
| Lab ID: | G01467 | Date Received: | 09/06/94 |
| Sample Matrix: | Soil | Date Extracted: | 09/09/94 |
| Condition: | Cool/Intact | Date Analyzed: | 09/12/94 |
| | | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | ND | 9.5 |
| Toluene | 46 | 9.5 |
| Ethylbenzene | 12 | 9.5 |
| m,p-Xylenes | 75 | 9.5 |
| o-Xylene | 28 | 9.5 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 93.7 | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Inna Schaerer Analyst

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Project ID:

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Soils | Report Date: | 09/21/94 |
|------------------------|--|--|
| Cell 2-A, C,& D 98 #10 | Date Sampled: | 09/05/94 |
| G01468 | Date Received: | 09/06/94 |
| Soil | Date Extracted: | 09/09/94 |
| Cool/Intact | Date Analyzed: | 09/12/94 |
| | Soils Cell 2-A, C,& D 98 #10 G01468 Soil Cool/Intact | SoilsReport Date:Cell 2-A, C,& D 98 #10Date Sampled:G01468Date Received:SoilDate Extracted:Cool/IntactDate Analyzed: |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 15 | 9.4 |
| Toluene | 84 | 9.4 |
| Ethylbenzene | 24 | 9.4 |
| m,p-Xylenes | 180 | 9.4 |
| o-Xylene | 61 | 9.4 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | <u>Surrogate</u> | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 91.5 | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

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Sample Matrix: Condition:

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Soils | Report Date: | 09/21/94 |
|-----------------------|-----------------|----------|
| Cell 2-G, H, I 98 #5A | Date Sampled: | 09/05/94 |
| G01469 | Date Received: | 09/06/94 |
| Soil | Date Extracted: | 09/09/94 |
| Cool/Intact | Date Analyzed: | 09/12/94 |
| | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | ND | 9.7 |
| Toluene | 98 | 9.7 |
| Ethylbenzene | 22 | 9.7 |
| m,p-Xylenes | 150 | 9.7 |
| o-Xylene | 53 | 9.7 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 92.0 | 74 -121% |

Reference:Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test
Methods for Evaluating Solid Wastes, SW-846, United States Environmental
Protection Agency, September 1986.

Comments:

Analyst

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2506 W. Main Street Farmington, New Mexico 87401

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Project ID: | Soils | Report Date: | 09/21/94 |
|----------------|-----------------------|-----------------|----------|
| Sample ID: | Cell 2-B, E, F 98 #5A | Date Sampled: | 09/05/94 |
| Lab ID: | G01470 | Date Received: | 09/06/94 |
| Sample Matrix: | Soil | Date Extracted: | 09/12/94 |
| Condition: | Cool/Intact | Date Analyzed: | 09/13/94 |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 11 | 9.9 |
| Toluene | 47 | 9.9 |
| Ethylbenzene | ND | 9.9 |
| m,p-Xylenes | 65 | 9.9 |
| o-Xylene | 24 | 9.9 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 103.2 | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Analyst

Review

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> Project ID: Sample ID: Lab ID:

Sample Matrix: Condition:

2506 W. Main Street Farmington, New Mexico 87401

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Solis | Report Date: | 09/21/94 |
|--------------------------|-----------------|----------|
| Cell 2-E, I, & J 98 #10A | Date Sampled: | 09/05/94 |
| G01471 | Date Received: | 09/06/94 |
| Soil | Date Extracted: | 09/12/94 |
| Cool/Intact | Date Analyzed: | 09/12/94 |
| | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | ND | 9.5 |
| Toluene | 46 | 9.5 |
| Ethylbenzene | 112 | 9.5 |
| m,p-Xylenes | 83 | 9.5 |
| o-Xylene | 29 | 9.5 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | <u>Surrogate</u> | Percent Recovery | Acceptance Limits |
|------------------|-----------------------|-------------------------|----------------------------------|
| | Bromofluorobenzene | 87.3 | 74 -121% |
| Reference: | Method 5030, Purge ar | nd Trap: Method 8020. A | Aromatic Volatile Organics: Test |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Analyst

Review

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> Project ID: Sample ID: Lab ID:

2506 W. Main Street Farmington, New Mexico 87401

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Project ID: | Solis | Report Date: | 09/21/94 |
|----------------|-------------------------|-----------------|----------|
| Sample ID: | Cell 2-K, L & N 98 #10A | Date Sampled: | 09/05/94 |
| Lab ID: | G01472 | Date Received: | 09/06/94 |
| Sample Matrix: | Soil | Date Extracted: | 09/12/94 |
| Condition: | Cool/Intact | Date Analyzed: | 09/13/94 |
| | | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | ND | 9.7 |
| Toluene | 56 | 9.7 |
| Ethylbenzene | 16 | 9.7 |
| m,p-Xylenes | 110 | 9.7 |
| o-Xylene | 36 | 9.7 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | <u>Surrogate</u> | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 94.7 | 74 -121% |
| D. (| | | |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

nna Schaerer

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Project ID:

Sample ID: Lab ID:

Sample Matrix: Condition:

2506 W. Main Street Farmington, New Mexico 87401

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VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Solis | Report Date: | 09/21/94 |
|----------------------|-----------------|----------|
| Cell 2-O & Q 98 #10A | Date Sampled: | 09/05/94 |
| G01473 | Date Received: | 09/06/94 |
| Soil | Date Extracted: | 09/12/94 |
| Cool/Intact | Date Analyzed: | 09/13/94 |
| | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | ND | 9.6 |
| Toluene | 17 | 9.6 |
| Ethylbenzene | ND | 9.6 |
| m,p-Xylenes | 27 | 9.6 |
| o-Xylene | ND | 9.6 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 93.4 | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Analyst

Review

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VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Project ID: | Soils | Report Date: | 09/21/94 |
|----------------|-----------------|-----------------|----------|
| Sample ID: | Cell 2-P 98 #5A | Date Sampled: | 09/05/94 |
| Lab ID: | G01474 | Date Received: | 09/06/94 |
| Sample Matrix: | Soil | Date Extracted: | 09/12/94 |
| Condition: | Cool/Intact | Date Analyzed: | 09/13/94 |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | ND | 9.8 |
| Toluene | 48 | 9.8 |
| Ethylbenzene | 13 | 9.8 |
| m,p-Xylenes | 89 | 9.8 |
| o-Xylene | 28 | 9.8 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | <u>Surrogate</u> | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 105.2 | 74 -121% |
| | | | |

Reference:Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test
Methods for Evaluating Solid Wastes, SW-846, United States Environmental
Protection Agency, September 1986.

Comments:

Anna Schaerer Analyst

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2506 W. Main Street Farmington, New Mexico 87401

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Project ID: | Soils | Report Date: | 09/21/94 |
|----------------|----------------------------|-----------------|----------|
| Sample ID: | Cell 4-A, B & C, D 98 #10A | Date Sampled: | 09/05/94 |
| Lab ID: | G01475 | Date Received: | 09/06/94 |
| Sample Matrix: | Soil | Date Extracted: | 09/12/94 |
| Condition: | Cool/Intact | Date Analyzed: | 09/13/94 |
| | | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 38 | 9.5 |
| Toluene | 160 | 9.5 |
| Ethylbenzene | 51 | 9.5 |
| m,p-Xylenes | 280 | 9.5 |
| o-Xylene | 110 | 9.5 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 104.2 | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Anna Schaerer Analyst

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> Project ID: Sample ID: Lab ID:

Sample Matrix: Condition:

2506 W. Main Street Farmington, New Mexico 87401

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Solis | Report Date: | 09/21/94 |
|---------------------------|-----------------|----------|
| Cell 4-G, H, I & K 98 #12 | Date Sampled: | 09/05/94 |
| G01476 | Date Received: | 09/06/94 |
| Soil | Date Extracted: | 09/13/94 |
| Cool/Intact | Date Analyzed: | 09/13/94 |
| | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | ND | 10.0 |
| Toluene | 76 | 10.0 |
| Ethylbenzene | 23 | 10.0 |
| m,p-Xylenes | 130 | 10.0 |
| o-Xylene | 44 | 10.0 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | <u>Surrogate</u> | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 105.7 | 74 -121% |

Reference:Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test
Methods for Evaluating Solid Wastes, SW-846, United States Environmental
Protection Agency, September 1986.

Comments:

Analyst

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Sample Matrix: Condition:

2506 W. Main Street Farmington, New Mexico 87401

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Soils | Report Date: | 09/21/94 |
|-------------------------|-----------------|----------|
| Cell 4-D, E, & F 98 #12 | Date Sampled: | 09/05/94 |
| G01477 | Date Received: | 09/06/94 |
| Soil | Date Extracted: | 09/13/94 |
| Cool/Intact | Date Analyzed: | 09/13/94 |
| | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | ND | 8.9 |
| Toluene | 51 | 8.9 |
| Ethylbenzene | 13 | 8.9 |
| m,p-Xylenes | 88 | 8.9 |
| o-Xylene | 27 | 8.9 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | <u>Surrogate</u> | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 117.8 | 74 -121% |

Reference:Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test
Methods for Evaluating Solid Wastes, SW-846, United States Environmental
Protection Agency, September 1986.

Comments:

Anna Schaerer Analyst

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> Project ID: Sample ID: Lab ID:

Sample Matrix: Condition: 2506 W. Main Street Farmington, New Mexico 87401

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Soils | Report Date: | 09/21/94 |
|---------------------|-----------------|----------|
| Ceil 4-L, M 98 #11A | Date Sampled: | 09/05/94 |
| G01478 | Date Received: | 09/06/94 |
| Soil | Date Extracted: | 09/13/94 |
| Cool/Intact | Date Analyzed: | 09/13/94 |
| | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 19 | 10.0 |
| Toluene | 74 | 10.0 |
| Ethylbenzene | 24 | 10.0 |
| m,p-Xylenes | 120 | 10.0 |
| o-Xylene | 40 | 10.0 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | <u>Surrogate</u> | Percent Recovery | Acceptance Limits | |
|-------------------|--------------------|------------------|-------------------|--|
| | Bromofluorobenzene | 94.5 | 74 -121% | |
| - <i>i</i> | | | | |

Reference:Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test
Methods for Evaluating Solid Wastes, SW-846, United States Environmental
Protection Agency, September 1986.

Comments:

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Sample Matrix: Condition:

2506 W. Main Street Farmington, New Mexico 87401

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Solls | Report Date: | 09/21/94 |
|-------------------------|-----------------|----------|
| Cell 4-E, J & K 98 #11A | Date Sampled: | 09/05/94 |
| G01479 | Date Received: | 09/06/94 |
| Soil | Date Extracted: | 09/13/94 |
| Cool/Intact | Date Analyzed: | 09/14/94 |
| | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 26 | 10.0 |
| Toluene | 120 | 10.0 |
| Ethylbenzene | 35 | 10.0 |
| m,p-Xylenes | 180 | 10.0 |
| o-Xylene | 71 | 10.0 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 105.2 | 74 -121% |

Reference:Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test
Methods for Evaluating Solid Wastes, SW-846, United States Environmental
Protection Agency, September 1986.

Comments:

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Received.by OCD: 6/3/2025 12:14:58 PM Inter Mountain Laboratories, Inc.

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Project ID: | Soils | Report Date: | 09/21/94 |
|----------------|-----------------|-----------------|----------|
| Sample ID: | Cell 3-C 98 #5A | Date Sampled: | 09/05/94 |
| Lab ID: | G01480 | Date Received: | 09/06/94 |
| Sample Matrix: | Soil | Date Extracted: | 09/13/94 |
| Condition: | Cool/Intact | Date Analyzed: | 09/14/94 |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 15 | 9.9 |
| Toluene | 97 | 9.9 |
| Ethylbenzene | 27 | 9.9 |
| m,p-Xylenes | 160 | 9.9 |
| o-Xylene | 61 | 9.9 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | <u>Surrogate</u> | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 108.5 | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Analyst

Review

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Received by OCD: 6/3/2025 12:14:58 PM Inter Mountain Laboratories, Inc.

Project ID: Sample ID: Lab ID:

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Project ID: | Solls | Report Date: | 09/21/94 |
|----------------|----------------------|-----------------|----------|
| Sample ID: | Cell 2-E & I 98 #10A | Date Sampled: | 09/05/94 |
| Lab ID: | G01481 | Date Received: | 09/06/94 |
| Sample Matrix: | Soil | Date Extracted: | 09/13/94 |
| Condition: | Cool/Intact | Date Analyzed: | 09/14/94 |
| | | | |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 14 | 10.0 |
| Toluene | 60 | 10.0 |
| Ethylbenzene | 12 | 10.0 |
| m,p-Xylenes | 92 | 10.0 |
| o-Xylene | 32 | 10.0 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | <u>Surrogate</u> | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 109.8 | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Analyst

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Received by OCD: 6/3/2025 12:14:58 PM Inter Mountain Laboratories, Inc.

VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Project ID: | Soils | Report Date: | 09/21/94 |
|----------------|------------------|-----------------|----------|
| Sample ID: | Cell 3-D 98 #10A | Date Sampled: | 09/05/94 |
| Lab ID: | G01482 | Date Received: | 09/06/94 |
| Sample Matrix: | Soil | Date Extracted: | 09/13/94 |
| Condition: | Cool/Intact | Date Analyzed: | 09/14/94 |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 27 | 9.8 |
| Toluene | 100 | 9.8 |
| Ethylbenzene | 26 | 9.8 |
| m,p-Xylenes | 150 | 9.8 |
| o-Xylene | 57 | 9.8 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | <u>Surrogate</u> | Percent Recovery | Acceptance Limits |
|------------------|-----------------------|----------------------------|------------------------------|
| | Bromofluorobenzene | 109.7 | 74 -121% |
| Reference: | Method 5030, Purge ar | nd Trap; Method 8020, Arom | atic Volatile Organics; Test |

Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Analyst

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VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Soils | Report Date: | 09/21/94 |
|-----------------|---|---|
| Cell 3-E 98 #12 | Date Sampled: | 09/05/94 |
| G01483 | Date Received: | 09/06/94 |
| Soil | Date Extracted: | 09/13/94 |
| Cool/Intact | Date Analyzed: | 09/14/94 |
| | Soils Cell 3-E 98 #12 G01483 Soil Cool/Intact | SoilsReport Date:Cell 3-E 98 #12Date Sampled:G01483Date Received:SoilDate Extracted:Cool/IntactDate Analyzed: |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | ND | 10.0 |
| Toluene | 51 | 10.0 |
| Ethylbenzene | 15 | 10.0 |
| m,p-Xylenes | 76 | 10.0 |
| o-Xylene | 31 | 10.0 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 103.1 | 74 -121% |

Reference: Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test Methods for Evaluating Solid Wastes, SW-846, United States Environmental Protection Agency, September 1986.

Comments:

Anna Schaeren

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VOLATILE AROMATIC HYDROCARBONS

T-N-T Landfarm

| Project ID: | Soils | Report Date: | 09/21/94 |
|----------------|------------------|-----------------|----------|
| Sample ID: | Cell 3-F 98 #11A | Date Sampled: | 09/05/94 |
| Lab ID: | G01484 | Date Received: | 09/06/94 |
| Sample Matrix: | Soil | Date Extracted: | 09/13/94 |
| Condition: | Cool/Intact | Date Analyzed: | 09/14/94 |

| Target Analyte | Concentration (ppb) | Detection Limit (ppb) |
|----------------|---------------------|--------------------------|
| Benzene | 59 | 9.9 |
| Toluene | 130 | 9.9 |
| Ethylbenzene | 29 | 9.9 |
| m,p-Xylenes | 160 | 9.9 |
| o-Xylene | 63 | 9.9 |

ND - Analyte not detected at the stated detection limit.

| Quality Control: | Surrogate | Percent Recovery | Acceptance Limits |
|------------------|--------------------|------------------|-------------------|
| | Bromofluorobenzene | 108.4 | 74 -121% |

Reference:Method 5030, Purge and Trap; Method 8020, Aromatic Volatile Organics; Test
Methods for Evaluating Solid Wastes, SW-846, United States Environmental
Protection Agency, September 1986.

Comments:

<u>Anna Schaeren</u>





December 02, 2015

CRAIG SCHMITZ T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH, NM 87029

RE: QUARTERLY VADOZE

Enclosed are the results of analyses for samples received by the laboratory on 11/06/15 10:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

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

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

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

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

Sincerely,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERI Project Number: NONE GIV Project Manager: CRAIG SCA Fax To: (575) 774- | LY VADOZE Reported: EN 02-Dec-15 13:11 HMITZ -9116 | |
|--|---|---|--|
|--|---|---|--|

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|-----------------|-----------------|
| CELL # 1 | H502952-01 | Soil | 04-Nov-15 08:00 | 06-Nov-15 10:30 |
| CELL # 2 | H502952-02 | Soil | 04-Nov-15 08:30 | 06-Nov-15 10:30 |
| CELL # 3 | H502952-03 | Soil | 04-Nov-15 09:00 | 06-Nov-15 10:30 |
| CELL # 4 | H502952-04 | Soil | 04-Nov-15 09:30 | 06-Nov-15 10:30 |
| CELL # 5 | H502952-05 | Soil | 04-Nov-15 10:00 | 06-Nov-15 10:30 |
| CELL # 6 | H502952-06 | Soil | 04-Nov-15 10:30 | 06-Nov-15 10:30 |
| Cell. # 7 | H502952-07 | Soil | 04-Nov-15 11:00 | 06-Nov-15 10:30 |
| CELL # 8 | H502952-08 | Soil | 04-Nov-15 11:30 | 06-Nov-15 10:30 |
| CELL # 9 | H502952-09 | Soil | 04-Nov-15 12:00 | 06-Nov-15 10:30 |
| CELL # 10 | H502952~10 | Soil | 04-Nov-15 13:30 | 06-Nov-15 10:30 |
| CELL # 11 | H502952-11 | Soil | 04-Nov-15 14:00 | 06-Nov-15 10:30 |
| CELL # 12 | H502952-12 | Soil | 04-Nov-15 14:30 | 06-Nov-15 10:30 |
| CELL # 13 | H502952-13 | Soil | 04-Nov-15 15:00 | 06-Nov-15 10:30 |

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and clearts exclusive remedy for any chain arising, whether based in contract or tort, shall be limited to the amount paid by chain for analyses. All claims, including, these is negligence ar any other cause whatsever shall be desmed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In on event shall Cardinal be liable for including, including, whether based in contract or tort, shall be limited to the amount paid by chain for analyses. All claims, including these for including, whether cause whatsever shall be limited by claims, line liable for including or concequential damage including, without limitation, business interruptions, loss of use, or loss of use, or loss of profits incurred by cleart, its subsidiaries, affiliates or successors arbing out of or related to the performance of the carvices hereinder by Cardinal, regardless of whether cau does based upon any of the above stated masters or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg Di Keene

Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 7/3/2025 10:33:21 AM

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | (| Reported: 02-Dec-15 13:11 | | |
|--|---|------|--------------------|---------------------|-----------|---------|----------------|------------------------------|--------------------|-------|
| | | | С | ELL#1 | | | | | | |
| | | | H502 | 95 2-0 1 (So | il) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | d Laborat | ories | | 641-11-0-12-0- | | | |
| Inorganic Compounds | | | | | | | | | | |
| Alkalinity, Bicarbonate | 293 | | 20.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Chloride | 48.0 | | 16.0 | mg/kg | 4 | 5111010 | AP | 10-Nov-15 | 4500 -Cl- B | |
| Conductivity | 189 | | 1.00 | uS/cm | <u>V</u> | 5111006 | AP | 10-Nov-15 | 120,1 | |
| pH* | 7.11 | | 0.100 | pH Units | 1 | 5111009 | AP | 10-Nov-15 | 9045 | |
| Sulfate | 216 | | 100 | mg/kg | 10 | 5111606 | AP | 01-Dec-15 | 375.4 | |
| Alkalinity, Total* | 240 | | 16.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | < 0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 98.8 % | 73.6- | -140 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 99.6 % | 35 | 147 | 5110802 | MS | 10-Nov-15 | 8015B | |
| Surrogate: I-Chlorooctadecane | | | 107 % | 28 | 171 | 5110802 | MS | 10-Nov-15 | 8015B | |
| | | | | | | | | | | |
| | | | Green Anal | ytical Lab | oratories | | | | | |
| General Chemistry | | | | | | | | | | |
| % Dry Solids | 82.0 | | | % | 1 | B511109 | MAJ | 11-Nov-15 | EPA160.3/25 40C | HI |
| | | | | | | | | | | |

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*=Accredited Analyte

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | 0. | Reported: 2-Dec-15 13: | 11 | | | | | |
|--|--------|-----|--------------------|---------------------------|----------|---------|---------|-----------|-----------|-------|
| | | | 0 | CELL # 1 | | | | | | |
| | | | H502 | 2952-01 (Soi | 1) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| Green Analytical Laboratories | | | | | | | | | | |
| Total Metals by ICP | | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 160 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Barium | 199 | | 1.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Calcium | 4780 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Chromium | 22.5 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Lead | 10.8 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Magnesium | 5270 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Potassium | 2970 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | ıng/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Total Mercury by CVAA | | | | | | | | | | |
| Mercury | <0.116 | | 0.116 | mg/kg dry | 475 | B511186 | JGS | 18-Nov-15 | EPA7471 | |

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| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | ł | Reported: 02-Dec-15 13:11 | | | |
|--|---|---|--|---|--|---|--|--|---|--|--|
| | | | C H502 | ELL # 2 952-02 (Sa | il) | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | ıl Laborat | ories | | | | | | |
| Inorganic Compounds | | | | | | | | | | | |
| Alkalinity, Bicarbonate | 78.1 | | 20.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | |
| Chloride | 32.0 | | 16.0 | mg/kg | 4 | 5111010 | AP | 10-Nov-15 | 4500-Cl-B | | |
| Conductivity | 173 | | 1.00 | uS/cm | 1 | 5111006 | AP | 10-Nov-15 | 120.1 | | |
| рН* | 6.98 | | 0.100 | pH Units | 1 | 5111009 | AP | 10-Nov-15 | 9045 | | |
| Sulfate | 345 | | 200 | mg/kg | 20 | 5111606 | AP | 01-Dec-15 | 375.4 | | |
| Alkalinity, Total* | 64.0 | | 16.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 98.3 % | 73.6- | 140 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | | |
| Surragate 1-Chlorooctane | | | 071% | 25 | 147 | 5110802 | MS | 10-New-15 | 8015R | | |
| Surrogate: 1-Chlorooctadecane | | | 100 % | 28-1 | 171 | 5110802 | MS | 10-Nov-15 | 8015B | | |
| | | | | | | | | | | | |
| | | | Green Anal | ytical Lab | oratories | | | | | | |
| General Chemistry | | | | | | | | | | | |
| % Dry Solids | 84.7 | | | 56 70 | 1 | B511109 | MAJ | 11-Nov-15 | EPA160.3/25 40C | HI | |
| Cardinal Laboratories | | | | | | - | | | *=Accredite | d Analyte | |
| PLEASE NOTE: Listelity and Damages. Cardenai's is any other cause wholsoever shall be deemed waives inducing, without limitation, business interruptions, bus claim is based upon any of the above stated reasons or otherw | ability and chent's each d unless made in wri s of use, or loss of day. Results relate only to | sive remedy for a ting and received profits locurred by the samples identifies | iny claim artistog, whether by Cardinal within thirty client, its substituties, l above. This report shall no | r based in contra r (30) days after affiliates or autom t be reproduced ence | ct er tort, shall (completion of g soors arising out pt in full with written | he filmited to the no applicable servi of or related to approval of Cardinai | amount paid by the formation of the performance to be performance to be a set of the performance of the pere | dient for analyses. t shall Caudinal be l of the sarvices herm | All claims, including these isoble for incidental or con- nder by Cardinuit, regardless | tiar negligence : requestivi damag 1 of vibether a | |

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Page 84 of 375

Analytical Results For:

| T-N-T ENVIRONMENT 70 OJITO ROAD LINDRITH NM, 87029 | FAL. | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | Reported: 02-Dec-15 13:11 | | |
|--|--------|---|----------------------|---------------------|---------|---------|-----------|------------------------------|-------|--|
| | | | CEL H502952 | L # 2 .07 (Soil) | | | | | | |
| Г | | | 11302/32 | ·vz (3011) | | | | - Naver - Artist | | |
| Analyte | Result | MDL | Reporting Limit U | Inits Dilution | n Batch | Analyst | Analyzed | Method | Notes | |
| | | G | Green Analytic | al Laboratoric | 8 | | | | | |
| Total Metals by ICP | | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 mg | kg dry 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Barium | 199 | | 1.00 mg | kg dry 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Cadmium | <5.00 | | 5.00 тд | kg dry 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Calcium | 4720 | | 100 mg | kg dry 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Chromiam | 24.1 | | 5.00 mg | kg dry 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Lead | <10.0 | | 10.0 mg | kg day 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Magnesium | 5300 | | 100 mg | kg đry 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Potassium | 2970 | | 200 mg | kg dry 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Selenium | <20.0 | | 20.0 mg | kg dry 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Silver | <5.00 | | 5.00 mg | kgdry 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Sodium | <200 | | 200 mg | kg dry 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Total Mercury by CVA | | | | | | | | | | |
| Mercury | <0.117 | | 0.117 mg | kg dry 495 | B511186 | JGS | 18-Nov-15 | EPA7471 | | |

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Celey D. Keene, Lab Director/Quality Manager

Page 6 of 41



| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | | Reported: 02-Dec-15 13:11 | | |
|---|---|--|--|---|---|---|--|---|---|--|
| | | | С | ELL#3 | ;D | | | | | |
| | | | 11502 | 352-03 (30 | ш <i>)</i> | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | al Laborat | ories | | | | | |
| Inorganic Compounds | (A | | 21 - 11 | | | | | _ | | |
| Alkalinity, Bicarbonate | 58.6 | | 20.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Chloride | 48.0 | | 16.0 | mg/kg | 4 | 5111010 | AP | 10-Nov-15 | 4500-Cl-B | |
| Conductivity | 188 | | 1.00 | uS/cm | 1 | 5111006 | AP | 10-Nov-15 | 120.1 | |
| pH* | 6.89 | | 0.100 | pH Units | 1 | 5111009 | AP | 10-Nov-15 | 9045 | |
| Sulfate | <200 | | 200 | mg/kg | 20 | 5111606 | AP | 01-Dec-15 | 375.4 | |
| Alkalinity, Total* | 48.9 | | 16.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Surrogate: 4-Bromofluoroberzene (PID) | | | 100 % | 73.6- | -140 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Petroleum Hydrocarbons hy GC | FID | | | | | | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | |
| Surrogate: I-Chlorooclane | | | 057% | 35 | 147 | 5110802 | MS | 10-Nov-15 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 103 % | 28 | 171 | 5110802 | MS | 10-Nov-15 | 8015B | |
| a na presidente a la construcción de la construcción de la construcción de la construcción de la construcción d | | | | | | | | | | |
| | | | Green Anal | ytical Lab | oratories | | | | | |
| General Chemistry | | | | | | | | | | |
| % Dry Solids | 84.7 | | | % | 1 | B511109 | MAJ | 11-Nov-15 | EPA160.3/25 40C | HI |
| Cardinal Laboratories | | | | e bead to centre | e ar but shall i | ha firsterid bar blar | | dat in oder | *=Accredite | d Analyte |
| PLONE THE LEARNEY and LEARNAGES. Carifinal's in any other cause whatsomer shall be deemed wained including, without invitation, basiness interruptions, loss doin is based upon any of the above status remises or otherw Callergy The Free | namely and client's eaching d unfless made in writ s of use, or loss of man. Results relate only to (| save remedy for a sig and received profits incurred by the samples identified | my comm antong, weethe by Cardinal within thirt y client, its subsidiaries, d above. This report shall no | concer in contrar (30) days after afflictes or succer afflictes or succer af | c. or ert, statt i · completion of ti sames arising cut pth-fallwith written | ve nanozo ko the na applicable servi of or related to approval of Cardinal | ansonne paato by ne. In no even the performance Laboraturies. | uent for analysis. It shall Cardinal be l of the services hereu | van caarree, reclanding theesa lipble for incidential or con meler by Cartinus, regardles | nar negligenca : soquential dama s of whistler s |

Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 7/3/2025 10:33:21 AM



| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Pr Project Nur Project Man Fa | | Reported: 02-Dec-15 13:11 | | | | | |
|--|--------|-----|--|--------------|------------------------------|---------|---------|-----------|-----------|-------|
| | | | (| CELL#3 | T) | | | | | |
| | | | H50. | 2952-03 (50) | u) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Green Ала | lytical Labo | ratories | | | | | |
| Total Metals by ICP | | | | | | | | | - | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Barium | 185 | | 1.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Calcium | 4350 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Chromium | 21.0 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Magnesium | 4910 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Potassium | 2810 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Total Mercury by CVAA | | | | | | | | | | |
| Mercury | <0.115 | | 0.115 | mg/kg dry | 485 | B511186 | JGS | 18-Nov-15 | EPA7471 | |

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Celey Ditherne



| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | Reported: 02-Dec-15 13:11 | | |
|---|---|--|---|---|---|--|--|---|--|---|--|
| | | | C H502 | ELL # 4 952-04 (So | il) | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | d Laborat | ories | | | | | | |
| Inorganic Compounds | | | | | | | | | | | |
| Alkalinity, Bicarbonate | 48.8 | | 20.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | |
| Chloride | 32.0 | | 16.0 | mg/kg | 4 | 5111011 | AP | 10-Nov-15 | 4500-Cl-B | | |
| Conductivity | 200 | | 1.00 | uS/cm | 1 | 5111006 | AP | 10-Nov-15 | 120.1 | | |
| pH* | 6.81 | | 0.100 | pH Units | 1 | 5111009 | AP | 10-Nov-15 | 9045 | | |
| Sulfate | <100 | | 100 | mg/kg | 10 | 5111606 | AP | 01-Dec-15 | 375.4 | | |
| Alkalinity, Total* | 40.0 | | 16.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 100 % | 73.6- | 140 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Petroleum Hydrocorbone by CC | FID | | | | | | | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | me/ke | 1 | 5110802 | MS | 10-Nov-15 | 8015B | | |
| DRO >C10-C28 | <10.0 | | 10.0 | mø/kø | î | 5110802 | MS | 10-Nov-15 | 80150 | | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mø/kø | î | 5110802 | MS | 10-Nov-15 | 8015B | | |
| Surmate: 1-Chloroctare | | | 02 2 8/ | -0-0 | 47 | 5110903 | ME | 10 11 | BOISD | | |
| Surrogate: I-Chlorooctadecane | | | 93.3 70 107 % | -CC 10 | (47 | 5110802 | MG | 10-Nov-15 | 8015B | | |
| | | | 102 /0 | 20-1 | 71 | 5110602 | IVIS | 10-1404-15 | 001J0 | | |
| | | | Green Analy | ytical Lab | oratories | | | | | | |
| General Chemistry | | | | | | | | | | | |
| % Dry Solids | 84.3 | | | % | 1 | B511109 | МАЈ | 11-Nov-15 | EPA160.3/25 40C | H1 | |
| Cardinal Laboratories | | | | | | | | | *=Accredite | d Analyte | |
| PLEASE NOTE: Listality and Damages. Cantinuit's flat any other cause whatsoever shall be deemed waived including, without limitation, business interruptions, loss claim is based upon any of the above stated reasons or otherwit | bility and client's each unless made in writ of use, or loss of ne. Results relate only to t | the remady for an ing and necelved f profits incurred by the samples identified | ny claim arising, whother by Cantinal within thirty client, its subsidiaries, above. This report skall not | based in contrac (30) days after afflictes or succes be reproduced excep | t or tort, shall b completion of th some ensing out of in Adl with written | re limited to the e applicable servic of or related to approval of Cardinal I | amount paid by e re. In no event the performance of Laboratories. | client for analyses. : shall Cardinal be li of the services hereu | All claims, including those able for incidental or coor rder by Cardinal, regardless | for negligence a sequential damage : of vehetber su | |



| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | 0 | Reported: 02-Dec-15 13:11 | | | | | | |
|--|--------|-----|--------------------|------------------------------|----------|---------|---------|-----------|-----------|---------------------------------------|
| | | | (H50 | CELL # 4 2952-04 (Soi | 1) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Green Ana | lytical Labo | ratories | | | | | · · · · · · · · · · · · · · · · · · · |
| Total Metals by ICP | _ | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Barium | 205 | | 1.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Calcium | 4900 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Chromium | 25.4 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Magnesium | 5620 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Potassium | 3180 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPAG010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Total Mercury by CVAA | | | | | | | | | | |
| Mercury | <0.113 | | 0.113 | mg/kg dry | 475 | B511186 | JGS | 18-Nov-15 | EPA7471 | |

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*=Accredited Analyte

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Celeg Di Keene

Celey D. Keene, Lab Director/Quality Manager



| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 CELL # 5 | | | | | | | | Reported: 02-Dec-15 13:11 | | |
|---|---|---|--|---|---|---|--|--|---|---|--|
| | | | C H502 | ELL # 5 952-05 (So | il) | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | 3 | | Cardina | al Laborat | ories | | | | | 200111-01 | |
| Inorganic Compounds | | | | | | | | | | | |
| Alkalinity, Bicarbonate | 58.6 | | 20.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | |
| Chloride | 32.0 | | 16.0 | mg/kg | 4 | 5111011 | AP | 10-Nov-15 | 4500CI-B | | |
| Conductivity | 217 | | 1.00 | uS/cm | 1 | 5111006 | AP | 10-Nov-15 | 120.1 | | |
| pH* | 6.79 | | 0.100 | pH Units | 1 | 5111009 | AP | 10-Nov-15 | 9045 | | |
| Sulfate | <200 | | 200 | mg/kg | 20 | 5111606 | AP | 01-Dec-15 | 375.4 | | |
| Alkalinity, Total* | 48.0 | | 16.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Surrogate: 4-Bromofluorobercene (PID) | | | 100 % | 73.6 | -140 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Petroleum Hydrocarbons hy GC | FID | | | | | | | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | | |
| Surrogaie: 1-Chloroociane | | | 89.4 % | 35- | 147 | 5110802 | MS | 10-Nov-15 | 8015B | | |
| Surrogate: 1-Chlorooctadecane | | | 96.3 % | 28- | 171 | 5110802 | MS | 10-Nov-15 | 8015B | | |
| | | | Green Anal | ytical Lab | oratories | | | | | | |
| General Chemistry | | | | | | | | | | | |
| % Dry Solids | 84.0 | 01 | | % | 1 | B511109 | MAJ | 11-Nov-15 | EPA160 3/25 40C | HI | |
| Cardinal Laboratories | | | | | | | | | *=Accredite | d Analyte | |
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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | Project: QUARTERLY VADOZE Report Project Number: NONE GIVEN 02-Dec- Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | | | | |
|--|---------------|--|--------------------|--------------------------|----------|---------|---------|-----------|-----------|-------|--|
| | | | (1150 | CELL # 5 2952-05 (Sai | īħ | | | | | | |
| | 51.0 <u>.</u> | | | 100) C0-4CC | | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Green Ana | lytical Labo | ratories | | | | | | |
| Total Metals by ICP | | | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Barium | 209 | | 1.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Calcium | 4950 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Chromium | 24.2 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Magnesium | 5520 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Potassium | 3010 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | |
| Total Mercury by CVAA | | | | | | | | | | | |
| Mercury | <0.114 | | 0.114 | mg/kg dry | 480 | B511186 | JGS | 18-Nov-15 | EPA7471 | | |

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Celey D. Keene, Lab Director/Quality Manager

Page 12 of 41

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | Reported: 02-Dec-15 13:11 | | |
|--|--|---|---|--|--|---|--|---|---|--|--|
| | | | C H502 | ELL # 6 952-06 (So | il) | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | al Laborat | ories | | | | | | |
| Inorganic Compounds | | | | | | | | | | | |
| Alkalinity, Bicarbonate | 58.6 | | 20.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | |
| Chloride | 32.0 | | 16.0 | mg/kg | 4 | 5111011 | AP | 10-Nov-15 | 4500-Ci-B | | |
| Conductivity | 178 | | 1.00 | uS/cm | 1 | 5111006 | AP | 10-Nov-15 | 120.1 | | |
| pH* | 6.90 | | 0.100 | pH Units | 1 | 5111009 | AP | 10-Nov-15 | 9045 | | |
| Sulfate | 244 | | 100 | mg/kg | 10 | 5111606 | AP | 01-Dec-15 | 375.4 | | |
| Alkalinity, Total* | 48.0 | | 16.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | |
| Volatile Organic Compounds h | v EPA Method S | 3021 | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Total Xylenes* | <0.150 | | 0,150 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Surrogate: 4-Bromofluorobercene (PID) | 1 | | 99.6 % | 73.6- | 140 | 5111107 | MS | 11-Nov-15 | 8021B | | |
| Petroleum Hydrocorhons by C | C FID | | | | | | | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | | |
| Surrogate: 1-Chlorpoctane | | | 953% | 35- | 47 | 5110802 | MS | 10-Nov-15 | 8015B | | |
| Surrogate: I-Chlorooctadecane | | | 104 % | 28-1 | 71 | 5110802 | MS | 10-Nov-15 | 8015B | | |
| | | | Green Anal | ytical Lab | oratorics | | | | | | |
| General Chemistry | | | | | | | | | | | |
| % Dry Solids | 84.2 | | | % | 1 | B511109 | MAJ | 11-Nov-15 | EPA160_3/25 40C | н | |
| Cardinal Laboratories | | | | - 4- 1479 - 14 - 17 - 19 | | | | | *=Accredite | d Analvt | |
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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Reported: 02-Dec-15 13:11 | | | | | | | |
|--|--------|-----|------------------------------|--------------|----------|---------|---------|-----------|-----------|-------|
| | | | (| CELL # 6 | | | | | | |
| | | | H50 | 2952-06 (Soi | I) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Green Ana | lytical Labo | ratories | | | | | |
| Total Metals by ICP | | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Barium | 191 | | 1.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Calcium | 4610 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Chromium | 23.2 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Magnesium | 5210 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Potassium | 2930 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Total Mercury by CVAA | | | | | | | | | | |
| Mercury | ⊲0.115 | | 0.115 | mg/kg dry | 485 | B511186 | JGS | 18-Nov-15 | EPA7471 | |

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| LINDRITH NM, 87029 Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 CELL # 7 H502953-07 (Soil) Analyze Readt MOL CELL # 7 H502953-07 (Soil) Analyze Readt MOL CELL # 7 H502953-07 (Soil) Analyze Method No Analyze Method No Analyze Readt MOL Certified Laboratories Interaction Reads Analyze Method No Analyze Method No Analyze Analyze Analyze Analyze Analyze Analyze Analyze Analyze Analyze <th colspan="</th> <th>T-N-T ENVIRONMENTAL 70 OJITO ROAD</th> <th colspan="10">Project:QUARTERLY VADOZEReported:Project Number:NONE GIVEN02-Dec-15 13:11Project Manager:CRAIG SCHMITZ</th> | T-N-T ENVIRONMENTAL 70 OJITO ROAD | Project:QUARTERLY VADOZEReported:Project Number:NONE GIVEN02-Dec-15 13:11Project Manager:CRAIG SCHMITZ | | | | | | | | | |
|--|---|--|--|--|-------------------------------------|--|---|---|---|--|----------------------------------|
| CELL # 7 B302952-07 (Soil) Analysis Result MDL Regressing Lamit Units Dilution Back Analysis Anal | LINDRITH NM, 87029 | | | Project Mana Fax | iger: CRA (To: (575 | ig SCHMI 5) 774-911 | 6 6 | | | | |
| HS02952-07 (Soil) Analyse Result MDL Reporting Limit Units Dilution Batch Analyst Analyst Method N Cardinal Laboratories Intervention (Compounds Alkalinity, Bicarbonate 78.1 20.0 mg/kg 4 5112009 AP 20-Nov-15 310.1 Alkalinity, Genhomate 44.00 46.0 mg/kg 4 5112009 AP 20-Nov-15 310.1 Conductivity 203 1.00 us/cm 1 5111064 AP 10-Nov-15 9045 Sulfate 1.79 100 mg/kg 4 5112009 AP 20-Nov-15 9045 Banzene* 0.050 0.050 mg/kg 50 511107 MS 11-Nov-15 80218 Tolucaré* -0.050 0.050 mg/kg 50 511107 MS 11-Nov-15 80218 Tolucaré* -0.050 0.050 mg/kg 50 511107 MS | | | | C | ELL # 7 | | | | | | |
| Analyse Repart NDL Reporting Limit Units Dilution Batch Analyse Analyzed Method N Cardinal Laboratories Cardinal Laboratories Malkalinity, Bicarbonate 78.1 20.0 mg/kg 4 5112009 AP 20-Nov-15 310.1 Alkalinity, Cardhonate -4.00 4.00 mg/kg 4 5112009 AP 20-Nov-15 310.1 Charlate 48.0 16.0 mg/kg 4 511100 AP 20-Nov-15 350.1 Conductivity 203 1.00 us/kg 1 511106 AP 10-Nov-15 9045 Suffate 179 100 mg/kg 10 511106 AP 20-Nov-15 310.1 Volatile Organic Compounds by EPA Method 8021 Interaction 50 5111107 MS 11-Nov-15 8021B Tolkinghter, Tolkinghter 40.050 0.050 mg/kg 50 5111107 MS 11-Nov-15 | | | | H502 | 952-07 (So | il) | | | | | |
| Cardinal Laboratories Inorganic Compounds Alkalinity, Bitarbonate 78.1 20.0 mg/kg 4 5112009 AP 20-Nov-15 310.1 Alkalinity, Carbonate <4.00 4.00 mg/kg 4 5112009 AP 20-Nov-15 310.1 Chabride 48.0 15.0 mg/kg 4 5111006 AP 10-Nov-15 320.1 Canductivity 203 1.00 us/kg 1 5111006 AP 10-Nov-15 39045 Suffate 179 100 mg/kg 10 5111666 AP 0-Decv-15 320.1 Valatile Organic Compounds by EPA Method 8021 Encodent 10.0 mg/kg 10.1 11-Nov-15 8021B Toluence [®] <0.050 0.050 mg/kg 50 5111107 MS 11-Nov-15 8021B Toluence [®] <0.050 0.050 mg/kg 50 5111107 MS 11-Nov-15 8021B Toluence [®] <0.050 0.050 | Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| Integratic Compounds Alkalinity, Blearbonate 78.1 20.0 mg/kg 4 5112009 AP 20-Nov-15 310.1 Alkalinity, Carbonate -4.00 4.00 mg/kg 4 5112009 AP 20-Nov-15 310.1 Chloride 48.0 16.0 mg/kg 4 5111011 AP 10-Nov-15 4500-CL-B Conductivity 203 1.00 us/km 1 5111006 AP 10-Nov-15 20.1 Bif* 6.42 0.100 pH 100 mg/kg 10 5111066 AP 01-Nov-15 20.1 Salfate 170 100 mg/kg 50 5111107 MS 11-Nov-15 8021B Eduzeber* -0.050 0.050 mg/kg 50 5111107 MS 11-Nov-15 8021B Tolal xylenges* -0.050 0.050 mg/kg 50 5111107 MS 11-Nov-15 8021B Tolal xylenges* -0.050 0.050 | | | | Cardina | l Laborat | ories | | | | | |
| Attalinity, Bicarbonate 78.1 20.0 mg/kg 4 5112009 AP 20-Non-15 310.1 Alkalinity, Carbonate -4,00 4,00 mg/kg 4 5112009 AP 20-Non-15 310.1 Alkalinity, Carbonate 48.0 16.0 mg/kg 4 5112009 AP 20-Non-15 310.1 Conductivity 203 1.00 us/km 1 5111066 AP 10-Non-15 500-Cl-B Suffate 170 100 mg/kg 4 5112009 AP 20-Non-15 310.1 Valatile Organic Compounds by EPA Method S021 E E 50 5111107 MS 11-Non-15 8021B Colume# <0.050 | Inorganic Compounds | | | | | | | | | | |
| Alkalinity, Carbonate -4.00 4.00 mg/kg 4 5111009 AP 20-Non-15 310.1 Chloride 48.0 16.0 mg/kg 4 5111001 AP 10-Non-15 4500-CH-B Conductivity 203 1.00 wg/kg 4 5111009 AP 10-Non-15 4500-CH-B pH* 6.82 0.100 pH Waits 1 5111009 AP 10-Non-15 5045 Suffate 170 100 mg/kg 10 511106 AP 01-Dec-15 375.4 Maklahiny, Teath* 64.0 16.0 mg/kg 50 5111107 MS 11-Non-15 8021B Valatile Organic Compounds by EPA Method 8021 E 10-Non-15 8021B 10-Non-15 8021B Totuce* <0.050 | Alkalinity, Bicarbonate | 78.1 | | 20.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Chloride 48.0 16.0 mg/kg 4 5111011 AP 10-Nov-15 4500-CL-B Conductivity 203 1.00 uS/cm 1 5111006 AP 10-Nov-15 4500-CL-B DB* 6.62 0.100 mg/kg 10 5111006 AP 10-Nov-15 301-1 Sulfate 170 100 mg/kg 10 5111007 AP 10-Nov-15 301-1 Valatile Organic Compounds by EPA Method 8021 Encance* 40.050 0.050 mg/kg 50 5111107 MS 11-Nov-15 8021B Toluence* -0.050 0.050 mg/kg 50 5111107 MS 11-Nov-15 8021B Toluence* -0.050 0.050 mg/kg 50 5111107 MS 11-Nov-15 8021B Toluence* -0.050 0.050 mg/kg 50 5111107 MS 11-Nov-15 8021B Toluence* -0.050 0.300 mg/kg 10 5110802 <td>Alkalinity, Carbonate</td> <td><4.00</td> <td></td> <td>4.00</td> <td>mg/kg</td> <td>4</td> <td>5112009</td> <td>AP</td> <td>20-Nov-15</td> <td>310.1</td> <td></td> | Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Conductivity 203 1.00 us/kem 1 5111006 AP 10-Nov-15 120.1 pH* 6.82 0.100 pH Units 1 5111009 AP 10-Nov-15 9045 Suffate 170 100 mg/kg 10 5111009 AP 10-Nov-15 9045 Alkalinity, Totat* 64.0 16.0 mg/kg 4 5112009 AP 20-Nov-15 310.1 Volatile Organic Compounds by EPA Method 8021 E E E 8021B E 11-Nov-15 8021B E 8021B E E E E E E E E <t< td=""><td>Chloride</td><td>48.0</td><td></td><td>16.0</td><td>mg/kg</td><td>4</td><td>5111011</td><td>AP</td><td>10-Nov-15</td><td>4500-Cl-B</td><td></td></t<> | Chloride | 48.0 | | 16.0 | mg/kg | 4 | 5111011 | AP | 10-Nov-15 | 4500-Cl-B | |
| pit* 6.82 0.100 pit Units 1 5111009 AP 10-Nov-15 9045 Suffate 170 100 mg/kg 10 5111066 AP 01-Dec-15 375.4 Alkalinity, Total* 64.0 16.0 mg/kg 4 5112009 AP 20-Nov-15 301.1 Volatile Organic Compounds by EPA Method 8021 Encance - - 300.1 Wolatile AP 20-Nov-15 8021B Encance* -0.050 0.050 mg/kg 50 5111107 MS 11-Nov-15 8021B Eithylbeuzene* -0.150 0.050 mg/kg 50 5111107 MS 11-Nov-15 8021B Total Xylene* -0.150 0.050 mg/kg 50 511107 MS 11-Nov-15 8021B Surrogate: +Bromothucrobercame 92.6 % 73.6-140 5111107 MS 11-Nov-15 8021B DRO >CIO_C28 <10.0 | Conductivity | 203 | | 1.00 | uS/cm | 1 | 5111006 | AP | 10-Nov-15 | 120.1 | |
| Sulfate 170 100 mg/kg 10 5111606 AP 01-Dec-15 375.4 Alkalinity, Total* 64.0 16.0 mg/kg 4 5112000 AP 20-Nov-15 310.1 Volatile Organic Compounds by EPA Method 8021 Encance* -00.050 0.050 mg/kg 50 5111107 MS 11-Nov-15 8021B Encance* -00.050 0.050 mg/kg 50 5111107 MS 11-Nov-15 8021B Ethylbenzenc* -00.050 0.050 mg/kg 50 5111107 MS 11-Nov-15 8021B Total DTEX -0.050 0.150 mg/kg 50 5111107 MS 11-Nov-15 8021B Surrogate: +Brome/fuerobercane (PID) 95.6 % 73.6-140 5111107 MS 11-Nov-15 8021B Petroleum Hvdrocarbons by GC FDD - - - 8015B 8015B GRO C6-C10 <10.0 | pH* | 6.82 | | 0.100 | pH Units | 1 | 5111009 | AP | 10-Nov-15 | 9045 | |
| Aikalinity, Totat* 64.0 16.0 mg/kg 4 5112009 AP 20+Nov-15 310.1 Volatile Organic Compounds by EPA Method 8021 | Sulfate | 170 | | 100 | mg/kg | 10 | 5111606 | AP | 01-Dec-15 | 375.4 | |
| Volatile Organic Compounds by EPA Method 8021 Benzene* <0.050 | Alkalinity, Total* | 64.0 | | 16.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Benzene* <0.050 mg/kg 50 5111107 MS 11-Nov-15 8021B Toluene* <0.050 | Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Tolluene* <0.050 0.050 mg/kg 50 5111107 MS 11-Nov-15 8021B Edbylbenzene* <0.050 | Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Ethylbenzzene* <0.050 mg/kg 50 5111107 MS 11-Nov-15 8021B Total Xylence* <0.150 | Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Total Xylemes* <0.150 | Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Total BTEX <0.300 ng/kg 50 5111107 MS 11-Nov-15 8021B Surrogate: 4-Bromo/hucrober.zame (PID) 95,6 % 73,6-140 5111107 MS 11-Nov-15 8021B Petroleum Hydrocarbons by GC FTD GRO C6-C10 <10.0 | Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Surrogate: 4-Bromoflucrobercane (PID) 95,6 % 73.6-140 511107 MS 11-Non-15 8021B Petroleum Hydrocarbons by GC FID GRO C5-C10 <10.0 | Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Petroleum Hydrocarbons by GC FDJ GRO C6-C10 <10.0 | Surrogate: 4-Bromofluorobercene (PID) | | | 95.6 % | 73.6- | -140 | 5111107 | MS | 11-Nov-15 | 8021B | |
| GRO C5-C10 <10.0 | Petroleum Hydrocarbons by GC | FID | | | | | | | | | |
| DRO >C10-C28 <10.0 | GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | |
| EXT DRO >C28-C35 <10.0 10.0 mg/kg 1 5110802 MS 10-Nov-15 8015B Surrogate: 1-Chlorooctane 92.5 % 35-147 5110802 MS 10-Nov-15 8015B Surrogate: 1-Chlorooctane 99.3 % 28-171 5110802 MS 10-Nov-15 8015B Surrogate: 1-Chlorooctadecane 99.3 % 28-171 5110802 MS 10-Nov-15 8015B Green Analytical Laboratories General Chemistry % Dry Solids 83.7 % 1 B511109 MAJ 11-Nov-15 EPA160.3/25 Aug Vector Norte: Laboratories *=Accredited An PLEXE NOTE: Laboratories *=Accredited An PLEXE NOTE: Laboratories *=Accredited and holding tance for may date noting, what is first (20) days star completion of the applicate state context and to be may date of the applicate state context and to be may date of the applicate state context and to be may date or entext and of the applicate state context. In no meet state context hermade by Context, magnetics of the applicate state context. | DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | |
| Surrogate: 1-Chlorooctane 92.5 % 35-147 5110802 MS 10-Nov-15 8015B Surrogate: 1-Chlorooctadecane 99.3 % 28-171 5110802 MS 10-Nov-15 8015B Green Analytical Laboratories General Chemistry % Dry Solids 83.7 % I B511109 MAJ 11-Nov-15 EPA160.3/25 40C Cardinal Laboratories PLECE NOTE: Labby and Damagne. Cardinal's babley and deex't exclusive remoty for any data width, statuer based is carded to the amount public by deet for analysis. All defines, including uncover that be taken due to removine of the applicable service. In mo cardet due to the amount of the applicable service. In mo cardet due to the amount of | EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | |
| Surrogate: 1-Chlorooctadecane 99.3 % 28-171 5110802 MS 10-Nov-15 80158 Green Analytical Laboratories General Chemistry % Dry Solids 83.7 % 1 B511109 MAJ 11-Nov-15 EPA160.3/25 Accredited An Provide the start of the store start for model to the store of the store the store of the store of the store start for the store of the store start for the store of the store start for the store star | Surrogate: 1-Chlorooctane | | | 92.5 % | 35 | 147 | 5110802 | MS | 10-Nov-15 | 8015B | |
| Green Analytical Laboratories General Chemistry % Dry Solids 83.7 % 1 B511109 MAJ 11-Nov-15 EPA160.3/25 40C 40C 40C 40C 40C 40C Cardinal Laboratories NERCE MOTE: Liabity and Damages. Cardinal's labitary and dents's exclusive remedy for any dain arising, whather based is contract or tort, shall be limited to the smooth public by dant for smalphese. All claims, Indiana its ingent data write completion of the applicable service. In mo event shall Cardinal is labit for indianal or consequentiation, which they (20) days after completion of the applicable service. In mo event shall Cardinal is labit for indianal or interespected at motive or arised and motive day. Cardinal, at the report shall not interpretional to public or the services hermander by Cardinal, regardless of we dain to based upon any of the above stand means or otherwise. Results rules indicable, regardless of we dain to based upon any of the above stand means or otherwise. Results rules indicable adveces thermander by Cardinal, regardless of we dain to based upon any of the above stand means or otherwise. Results rules indicable adveces thermander by Cardinal, regardless of we dain to based upon any of the above stand means or otherwise. Results rules to be samples identified above. This report shall not be reproduced encept to fail with writes approved of Cardinal Liberatories. | Surrogate: I-Chlorooctadecane | | | 99.3 % | 28- | 171 | 5110802 | MS | 10-Nov-15 | 8015B | |
| General Chemistry % Dry Solids 83.7 % 1 B511109 MAJ 11-Nov-15 EPA160.3/25 40C 40C *=Accredited An REASE NOTE: Liability and Damages. Cardinal's liability and denot's exclusive remedy for any dam arising, whether based is contract or tort, shell be linited to the amount put by clent for analysis. All chains, including times is or conceptent and the thirty (20) days after completion of the applicable service. In no event shell Cardinal be liable for incidental or contequents including, whether that is based upon any of the above stated reserves or otherwise. Results relation only to the samples identified adove. This report shall not be reproduced except to fall with writes approved of Cardinal Lideoratories. | | | | Green Anal | vtical Lab | oratories | | | | | |
| % Dry Solids 83.7 % 1 B511109 MAJ 11-Nov-15 EPA160.3/25 40C Cardinal Laboratories *=Accredited An PLASE NOTE: Liability and Damages: Cardinal's liability and clent's exclusive remody for any claim arising, whether based in costract or tork, shall be limited in the amount public by clent for analytics. All claims, including incom for reg any their cases whetcomer shall be deemed where duless mode in writing and received by Cardinal within; thirty (20) days after completion of the applicable service. In no servic shall cardinal be liable for incidence or concequently inducting, wheat limitation, basines informations, basines thereafted by the source or statud received by the substational within their (20) days after completion of the applicable service. In no service shall cardinal be liable for incidence or concequently inducting, wheat limitations correspondent on of the approximation of the approximation of the services hereander by Cardinal, negariless of w claim is based upon any of the above statud receives. Results relate only to the samples identified above. This report shall not be reproduced eccept is fail with writes approad of Cardinal Laboratories. | General Chemistry | | | | - | | | | | | |
| Cardinal Laboratories PLEASE NOTE: Liability and Damages. Cardinal's liability and denots endodres remedy for any down arising, whether based in contract or tort, shell be limited to the anomic paid by client for analysis. All chinis, including timos for reg any other cause whatware shall be deemed wained unless made in writing and received by Cardinal within thirty (20) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or contequents including, what thirther applicable service. In no event shall Cardinal be liable for incidental or contequents including without first above stated response or otherwise. Results rate only to the samples identified above. This report shall not be reproduced except in fall with writes approved of Cardinal Laboratories. | % Dry Solids | 83.7 | | | 96 | 1 | B511109 | MAJ | 11-Nov-15 | EPA160.3/25 40C | H |
| PLEASE NOTE: Liability and Damages. Cardinal's liability and clearts exclusive remedy for any clean arising, whether based is contract or tort, shall be limited to the anount paid by cleart for analytes. All chines, including times for reg- any other cause whethower shall be deemed waived coless made in writing and raceived by Cardinal within thirty (30) days after completion of the applicable service. In no seek shall Cardinal to had for including, including, without limitation, business interruptions, loss of use, or loss of profits incurred by cleart, its subsidiaries, atfiliates or successors attilling or related to the performance of the services hereander by Cardinal, regardless of w daim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced eccept is fall with writes approval of Cardinal Laboratories. | Cardinal Laboratories | | | | | | | | | *=Accredite | d Analyt |
| daim is based upon any of the above stated responses or otherwise. Results related only to the samples identified above. This report shall not be reproduced encapt is fell with written approval of Cardinal Liberatories. | PLEASE NOTE: Liability and Damages. Cardinal's I any other cause whatsoever shall be desmed work induition when the instantion intermediate | liability and client's each ed colece made in wri | utive remedy for a ting and received | ny claim arising, whether by Cardinal within thirty relient its substitute | r based in contra (30) days stea | et er tort, skall - completion of t | he limited to the ine applicable servi | amount puld by ce. In no even the performance | client for analyses. t shall Cardinal be l | All claims, including timese iable for incidential or con noter by Carinal according | for negligence sequential dan |
| | nources, without stratterion, business interruptions, lo claim is based upon any of the above status reasons or other | es et use, or leas of wire. Republis radiate only to | prosts sourced by the samples identifie | r carent, its subodurier, l'above. This report shall po | t be reproduced ence | pt is full with written | or or related to approval of Cardinal | use periomunica Laboratories. | u tre services neres | ava ny cantility, ingandie | > 14 WRCDE |
| | 10 2 - | | | | | | | | | | |



| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Project Nur Project Man Fra | | Reported: 02-Dec-15 13:11 | | | | | |
|--|--------|-----|-----------------------------------|--------------|------------------------------|---------|---------|-----------|-----------|-------|
| | | | C | TELL # 7 | | | | | | |
| | | | H502 | 2952-07 (Soi | il) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Green Ana | lytical Labo | oratories | | | | | |
| Total Metals by ICP | | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Barium | 185 | | 1.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Calcium | 4550 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Chromium | 21.5 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Magnesium | 4980 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Potassium | 3110 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Total Mercury by CVAA | | | | | | | | | | |
| Mercury | <0.115 | | 0.115 | mg/kg dry | 480 | B511186 | JGS | 18-Nov-15 | EPA7471 | |

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Celleg D. Keena

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Reported: Project Number: NONE GIVEN 02-Dec-15 13: Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | | | | 11 |
|--|---|---|---|---|---|--|---|---|--|--|
| | | | C H502 | ELL # 8 952-08 (So | vil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | al Laborat | ories | | | | | |
| Inorganic Compounds | | | Service and | | | | | | | |
| Alkalinity, Bicarbonate | 58.6 | | 20.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Chloride | 32.0 | | 16.0 | mg/kg | 4 | 5111011 | AP | 10-Nov-15 | 4500-CI-B | |
| Conductivity | 192 | | 1.00 | uS/cm | 1 | 5111006 | AP | 10-Nov-15 | 120.1 | |
| pH* | 7.00 | | 0.100 | pH Units | 1 | 5111101 | AP | 11-Nov-15 | 9045 | |
| Sulfate | 136 | | 100 | mg/kg | 10 | 5111606 | AP | 01-Dec-15 | 375.4 | |
| Alkalinity, Total* | 48.0 | | 16.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Volatile Organic Compounds by I | EPA Method | 8021 | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Surrogate: 4-Bromoffuorobercene (PID) | | | 100 % | 73.6 | -140 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 90.3 % | 35-, | 147 | 5110802 | MS | 10-Nov-15 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 95.0% | 28- | 171 | 5110802 | MS | 10-Nov-15 | 8015B | |
| | | | | | | | | | | |
| | | | Green Anal | ytical Lab | oratories | | | | | |
| General Chemistry | | | | | | | | | 11-14-14-14-1-1- | |
| % Dry Solids | 83.3 | | | % | 1 | B511109 | MAJ | 11-Nov+15 | EPA160.3/25 40C | H |
| Cardinal Laboratories | | | | | | | | | *=Accredite | ed Analyti |
| PLEASE NOTE: Liability and Damages. Cardinal's its any other cause whistoever shall be deemed wolved induding, without limitation, baseliness interruptions, bes claim is based upon any of the above stated resource or otherw | sbility and disects each d unless made in wi s of use, or loss of the Results relate only to | usive remety for ting and received profits locarred is the samples identifie | any claim anking, whethe by Cardinal within thirt ny client, ICs subsidiaries, diabove. This report shall an | er based in contra y (30) days after afflictes or meno the reproduced exco | ect or tort, shall r completion of t entors arising out ept is full with writing | be limited to the the applicable serv of or related to a approval of Cardinal | amount paid by ice, in no even the performance Laboratories, | classic for analyses, it shall Cardinal be of the services here | All claims, including those lable for incidental or ca actor by Candinal, regardle | for negligences newsponstal damp as of whether |
| Celeg D. Ke | me- | | | | | | | | | |



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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Reported: 02-Dec-15 13:11 | | | | | | | |
|--|--------|-----|------------------------------|--------------|----------|---------|---------|-----------|-----------|-------|
| | | | (1150 | CELL # 8 | N | | | | | |
| | | | H30/ | 2952-08 (50) | ı) | | | | | 1 |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Green Ana | lytical Labo | ratories | | | | | |
| Total Metals by ICP | | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Barium | 193 | | 1.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Calcium | 4690 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Chromium | 23.5 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Magnesium | 5220 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Potassium | 2920 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Total Mercury by CVAA | | | | | | | | | | |
| Mercury | ⊲0.115 | | 0.115 | mg/kg dry | 480 | B511186 | JGS | 18-Nov-15 | EPA7471 | |

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | | | Reported: 02-Dec-15 13:11 | | | |
|--|---|---|---|---|--|---|--|--|--|---|--|--|
| | | | C | ELL # 9 | :D | | | | | | | |
| | | | H302 | 952-09 (80 | | | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | | |
| | | | Cardina | l Laborat | ories | | | | | | | |
| Inorganic Compounds | | | | | | | | | | | | |
| Alkalinity, Bicarbonate | 58.6 | | 20.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | | |
| Chloride | 32.0 | | 16.0 | mg/kg | 4 | 5111011 | AP | 10-Nov-15 | 4500-CI-B | | | |
| Conductivity | 180 | | 1.00 | uS/cm | 1 | 5111006 | AP | 10-Nov-15 | 120.1 | | | |
| pH* | 6.89 | | 0.100 | pH Units | 1 | 5111101 | AP | 11-Nov-15 | 904 <i>5</i> | | | |
| Sulfate | 203 | | 100 | mg/kg | 10 | 5111606 | AP | 01-Dec-15 | 375.4 | | | |
| Alkalinity, Total* | 48.0 | | 16.0 | mg/kg | 4 | 5112009 | АР | 20-Nov-15 | 310.1 | | | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Toluene* | ⊲0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 101 % | 73.6 | -140 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | | | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | | | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 5110802 | MS | 10-Nov-15 | 8015B | | | |
| Surrogate: 1-Chlorooctane | | | 89.7% | 35- | 147 | 5110802 | MS | 10-Nov-15 | 8015B | | | |
| Surrogate: 1-Chlorooctadecane | | | 94.0 % | 28- | 171 | 5110802 | MS | 10-Nov-15 | 8015B | | | |
| | | | | | | | | | | | | |
| | | | Green Anal | ytical Lab | oratories | | | | | | | |
| General Chemistry | | | | | | | | | | | | |
| % Dry Solids | 83.4 | | | % | 1 | B511109 | МАЈ | 11-Nov-15 | EPA160.3/25 40C | H | | |
| | | | | | | | | | *=Accredite | ed Analyte | | |
| PLEASE MOTE: Liability and Damages. Cardisal's it any other cause whatsomer shall be deemed waive inducting, whots: Immission, business interruptions, bu claim is based upon any of the above stated masses or other | tability and elicent's cord ad unites made in w as of use, or bas of wise, Recults relate soly to | usive recently for Ring and received provides incurred to the samples identifi | any claim arising, whether i by Cardinal within thirt by Clerct, its subatlaries, ad above. This report shall no | r based in contr y (30) days afte affiliates or succ to perspectived ear | act or tort, shall ar camplation of casons srising out apt is full with write | be limited to the the applicable sen : of or related to approval of Canilina | anount paid by ice. In no even the parformance Laborabutes. | client for analyses. ht shall Cardinal be of the services here | All Claims, including tross lable for incidental or co ander by Cardinal, regardle | tar negligenco norquential dana es al whether | | |
| Celey D.K. | creation | | | | | | | | | | | |

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Reported: 02-Dec-15 13:11 | | | | | | | |
|--|--------|-----|------------------------------|--------------|----------|---------|---------|-----------|-----------|-------|
| | | | C | CELL # 9 | - | | | | | |
| | | | H50 | 2952-09 (Soi | Ŋ | | | | | |
| Analytz | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Green Ana | lytical Labo | ratories | | | | | |
| Total Metals by ICP | | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Barium | 198 | | 1.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Calcium | 4700 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Chromium | 23.0 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Magnesium | 5280 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Potassium | 2970 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Total Mercury by CVAA | | | | | | | | | | |
| Метсшу | <0.120 | | 0.120 | mg/kg dry | 500 | B511186 | JGS | 18-Nov-15 | EPA7471 | |

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*=Accredited Analyte

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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | | | Reported: 02-Dec-15 13:11 | | | |
|--|---|---|--|--|---|---|--|--|--|---|--|--|
| | | | CF H502 | CLL # 10 952-10 (So | il) | | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | | |
| | | | Cardina | l Laborato | ories | | | | | | | |
| Inorganic Compounds | | | | | | | | | | | | |
| Alkalinity, Bicarbonate | 58.6 | | 20.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | | |
| Chloride | 32.0 | | 16.0 | mg/kg | 4 | 5111011 | AP | 10-Nov-15 | 4500-CI-B | | | |
| Conductivity | 206 | | 1.00 | uS/cm | 1 | 5111007 | AP | 10-Nov-15 | 120.1 | | | |
| pH* | 6.82 | | 0.100 | pH Units | 1 | 5111101 | AP | 11-Nov-15 | 9045 | | | |
| Sulfate | 151 | | 100 | mg/kg | 10 | 5111606 | AP | 01-Dec-15 | 375.4 | | | |
| Alkalinity, Total* | 48.0 | | 16.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | | |
| Volatile Organic Comnounds by | EPA Method | 8021 | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | <i>99</i> .7 % | 73.6- | 140 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 5110907 | MS | 10-Nov-15 | 8015B | | | |
| DRO>C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 5110907 | MS | 10-Nov-15 | 8015B | | | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 5110907 | MS | 10-Nov-15 | 8015B | | | |
| Surrogate: 1-Chlarooctane | | | 974% | 35- | 147 | 5110907 | MS | 10-Nov-15 | 8015B | | | |
| Surrogate: 1-Chlorooctadecane | | | 99.5 % | 28-1 | 171 | 5110907 | MS | 10-Nov-15 | 8015B | | | |
| | | | Green Anal | vtical Lab | oratories | | | | | | | |
| Committee | | | | , | | | | | | | | |
| General Unemistry | 04.1 | | | 鸣之 | 1 | B511100 | MAT | 11-Nov-15 | EPA160 3/25 | | | |
| % Dry Solids | 84.1 | | | 26 | 1 | D311103 | MIAD | 11-1(00-15 | 40C | | | |
| 2 | | | | | | | | | | | | |
| Cardinal Laboratories | | | | | | | | | *=Accredite | ed Analyte | | |
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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | 0. | Reported: 02-Dec-15 13:11 | | | | | | |
|--|--------|-----|--------------------|------------------------------|----------|---------|---------|-----------|-----------|-------|
| | | | H50 | 2952-10 (Soi | I) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Green Ana | lytical Labo | ratories | | | | | |
| Total Metals by ICP | | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Barium | 183 | | 1.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Calcium | 4410 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Chromium | 22.3 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Magnesium | 5040 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Potassium | 2920 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Total Mercury by CVAA | | | | | | | | | | |
| Mercury | <0.116 | | 0.116 | mg/kg ம்y | 490 | B511186 | JGS | 18-Nov-15 | EPA7471 | |

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Page 101 of 375

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project:QUARTERLY VADOZEReported:Project Number:NONE GIVEN02-Dec-15 13:11Project Manager:CRAIG SCHMITZFax To:(575) 774-9116 | | | | | | | | | |
|--|---|--|--|---|--|---|---|--|---|---|
| | | | CH H502 | ELL # 11 952-11 (So | il) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | d Laborate | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Alkalinity, Bicarbonate | 58.6 | | 20.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Chloride | 48.0 | | 16.0 | mg/kg | 4 | 5111011 | AP | 10-Nov-15 | 4500-CI-B | |
| Conductivity | 244 | | 1.00 | uS/cm | 1 | 5111007 | AP | 10-Nov-15 | 120.1 | |
| pH* | 6.91 | | 0.100 | pH Units | 1 | 5111101 | AP | 11-Nov-15 | 9045 | |
| Sulfate | 220 | | 100 | mg/kg | 10 | 5111606 | AP | 01-Dec-15 | 375.4 | |
| Alkalinity, Total* | 48.0 | | 16.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Toluene* | ⊲0.050 | | 0.050 | nug/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Total Xylenes* | ⊲0.150 | | 0.150 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Surrogate: 4-Bromofluorobercene (PID) | | | <i>99.6 %</i> | 73.6- | -140 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Batrolaum Wydrocorbons by CC | VID | | | | | | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 5110907 | MS | 10-Nov-15 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 5110907 | MS | 10-Nov-15 | 8015B | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 5110907 | MS | 10-Nov-15 | 8015B | |
| Surragate: I-Chlorooctane | | | 906% | 35- | 147 | 5110907 | MS | 10-Nov-15 | 8015B | |
| Surrogale: 1-Chloroocladecane | | | 93.4% | 28 | 171 | 5110907 | MS | 10-Nov-15 | 8015B | |
| | | | | | | | | | | |
| | | | Green Anal | ytical Lab | oratories | | | | | |
| General Chemistry | | | | | | | | | | |
| % Dry Solids | 83.8 | | | % | 1 | B511109 | MAJ | 11-NoV-15 | 40C | |
| Cardinal Laboratories | | | | -11-00-00 | | | | | *=Accredit | ed Analyt |
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| Celeg D.K. | ene- | | | | | | | | | |

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Pr Project Nui Project Man Fa | | Reported: 02-Dec-15 13:11 | | | | | |
|--|--------|-----|--|--------------|------------------------------|---------|---------|-----------|-----------|-------|
| | | | C | ELL # 11 | D | | | | | |
| | | | H50 | 2952-11 (Soi | 1) | | | ****** | | |
| Analyte | Resolt | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Green Ana | lytical Labo | ratories | | | | | |
| Total Metals by ICP | | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Barium | 197 | | 1.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Calcium | 4730 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Chromium | 22.9 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Magnesium | 5260 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Potassium | 2920 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Total Mercury by CVAA | | | | | | | | | | |
| Mercury | <0.115 | | 0.115 | mg/kg dry | 480 | B511186 | JGS | 18-Nov-15 | EPA7471 | |

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*=Accredited Analyte

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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | | Reported: 02-Dec-15 13:11 | | | | | | |
|---|--|--|--|--|---|---|--|---|---|--|
| | | | CE H5029 | LL # 12 | il) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Note |
| | | | Cardina | ł Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Alkalinity, Bicarbonate | 58.6 | | 20.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Chloride | 32.0 | | 16.0 | mg/kg | 4 | 5111011 | AP | 10-Nov-15 | 4500-CI-B | |
| Conductivity | 189 | | 1.00 | uS/cm | 1 | 5111007 | AP | 10-Nov-15 | 120.1 | |
| *Hq | 6.99 | | 0.100 | pH Units | 1 | 5111101 | AP | 11-Nov-15 | 9045 | |
| Sulfate | 240 | | 200 | mg/kg | 20 | 5111606 | AP | 01-Dec-15 | 375.4 | |
| Alkalinity, Total* | 48.0 | | 16.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | |
| Volatile Organic Compounds by 1 | EPA Method | 8021 | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Total Xylenes* | ⊲0.150 | | 0.150 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Surrogate: 4-Bromofluorobercene (PID) | | | 97.3 % | 73.6- |]40 | 5111107 | MS | 11-Nov-15 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 5110907 | MS | 10-Nov-15 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 5110907 | MS | 10-Nov-15 | 8015B | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 5110907 | MS | 10-Nov-15 | 8015B | |
| Surrogate: 1-Chlarooctane | | | 87.5% | 35- | 147 | 5110907 | MS | 10-Nov-15 | 8015B | |
| Surrogate: 1-Chlorooctadecane | | | 93.3 % | 28- | 171 | 5110907 | MS | 10-Nov-15 | 8015B | |
| | | | | | | | | | | |
| | | | Green Anal | ytical Lab | oratories | | | | | |
| General Chemistry | 93.3 | | | 96 | 1 | B511109 | MAJ | 11-Nov-15 | EPA160.3/25 | <u> </u> |
| 78 DEY SURGE | 65.5 | | | | | | | | 40C | |
| Cardinal Laboratories | | | | | | | | | *=Accredit | ed Analy |
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| clearn is based upon any of the above stated reasons or otherw | ngee. Hummans naliates only to | nig sanyas ngadiji | al anove. This report fight for | r na i chronistan and | der af him same antiged | and the second | | | | |

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | Project: QUARTERLY VADOZE Reported: Project Number: NONE GIVEN 02-Dec-15 13:11 Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | | | | | | |
|--|--------|---|--------------------|--------------|----------|---------|---------|-----------|-----------|-------|--|--|--|
| | | | C | ELL # 12 | _ | | | | | | | | |
| | | | H50 | 2952-12 (Soi | Ŋ | | | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | | | |
| | | | Green Ana | lytical Labo | ratories | | | | | | | | |
| Total Metals by ICP | | | | | | _ | | _ | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | | | |
| Barium | 198 | | 1.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | | | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | | | |
| Calcium | 4650 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | | | |
| Chromium | 22.9 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | | | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | | | |
| Magnesium | 5360 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | | | |
| Potassium | 3020 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | | | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | | | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B511119 | JG8 | 18-Nov-15 | EPA6010 B | | | | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | | | | |
| Total Mercury by CVAA | | | | | | | | | | | | | |
| Mercury | <0.116 | | 0.116 | mg/kg dry | 485 | B511186 | JGS | 18-Nov-15 | EPA7471 | | | | |

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| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | | | | Reported: 02-Dec-15 13:11 | | |
|--|---|--|---|---|---|---|--|---|---|--------------------------------|--|--|
| | | | CF H502 | ELL # 13 952-13 (So | īD | | | | | | | |
| Analytz | Result | MDL | Reporting Limit | Units | Dilution | Baich | Analyst | Analyzed | Method | Notes | | |
| | | | Cardina | il Laborat | ories | | | | | | | |
| Inorganic Compounds | | | | | | | | | | | | |
| Alkalinity, Bicarbonate | 58.6 | | 20.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | | |
| Chloride | 48,0 | | 16.0 | mg/kg | 4 | 5111011 | AP | 10-Nov-15 | 4500-CI-B | | | |
| Conductivity | 251 | | 1.00 | uS/cm | 1 | 5111007 | AP | 10-Nov-15 | 120.1 | | | |
| pH* | 6.89 | | 0.100 | pH Units | 1 | 5111101 | AP | 11-Nov-15 | 9045 | | | |
| Sulfate | 476 | | 200 | mg/kg | 20 | 5111606 | AP | 01-Dec-15 | 375.4 | | | |
| Alkalinity, Total* | 48.0 | | 16.0 | mg/kg | 4 | 5112009 | AP | 20-Nov-15 | 310.1 | | | |
| Volatile Organic Compounds by l | EPA Method | 8021 | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 101 % | 73.6 | 140 | 5111107 | MS | 11-Nov-15 | 8021B | | | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 5110907 | MS | 10-Nov-15 | 8015B | | | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 5110907 | MS | 10-Nov-15 | 8015B | | | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 5110907 | MS | 10-Nov-15 | 8015B | | | |
| Surrogate: 1-Chlorooctane | | | 84.3 % | 35- | 147 | 5110907 | MS | 10-Nov-15 | 8015B | | | |
| Surrogate: 1-Chlorooctadecane | | | 88.7 % | .28- | 171 | 5110907 | MS | 10-Nov-15 | 8015B | | | |
| | | | Green Anal | vtical Lab | oratories | | | | | | | |
| General Chemistry | | | | | | | | | | | | |
| % Dry Solids | 83.0 | | | °⁄0 | 1 | B511109 | MAJ | 11-Nov-15 | EPA160.3/25 40C | | | |
| Cardinal Laboratories | stativ and electric ends | nature removale for | aav claim ärksing, whethe | r based is contra | et er bart, skall | be funkted to the | amount paid by | client for analyses, | *=Accredit | ed Analy | | |
| any other cause whatsomer shall be deemed waive including, without instation, business interruption, los chem is based upon any of the above stated mesons or otherw | d unless made in wri a of use, or loss of wan. Results relate only to | profits locured b the samples identifie | by Cardinal within thirt of client, its schulderies, of above. This report shall no | y (30) days alte affiliates er suco t be reproduced esc | r completion of l secons arfsing out aptin full with writes | the applicable serv of or related to n approvel of Cantinal | ce. In oo even the performance Laboratories, | nt shall Cardinal be l of the services baren | lable for incluental or ca nder by Cardinal, regards | nexquential dataset of whether | | |



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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Project Nur Project Man Fa | | Reported: 02-Dec-15 13:11 | | | | | |
|--|--------|-----|----------------------------------|--------------------------|------------------------------|---------|---------|-----------|-----------|-------|
| | | | С Н502 | ELL # 13 2952-13 (Soi | I) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Green Ana | lytical Labo | ratories | | | | | |
| Total Metals by ICP | | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Barium | 205 | | 1.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg úry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Calcium | 4990 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Chromium | 26.3 | | 5.00 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dıy | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Magnesium | 5830 | | 100 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Potassium | 3280 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dıy | 100 | B511119 | JG5 | 18-Nov-15 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B511119 | JGS | 18-Nov-15 | EPA6010 B | |
| Total Mercury by CVAA | | | | | | | | | | |
| Mercury | <0.122 | | 0.122 | mg/kg dry | 505 | B511186 | JGS | 18-Nov-15 | EPA7471 | |

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Celey D. Keene, Lab Director/Quality Manager

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| T-N-T ENVIRONMENTAL | Project: QUARTERLY VADOZE Project Number: NONE GIVEN | Reported: 02-Dec-15 13:11 |
|---------------------|--|------------------------------|
| LINDRITH NM, 87029 | Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | |

Inorganic Compounds - Quality Control

| Cardinal Laboratories | | | | | | | | | | | | |
|---|--------|--------------------|----------|----------------|------------------|-------------|----------------|-------|--------------|-------|--|--|
| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes | | |
| Batch 5111006 - 1:1 DI | | | | | | | | | | | | |
| LCS (5111006-BS1) | | | | Prepared & | Analyzed: | 10-Nov-15 | | | | | | |
| Conductivity | 532 | | uS/cm | 500 | | 106 | 80-120 | | | | | |
| Duplicate (5111006-DUP1) | Sour | re: H502952 | -01 | Prepared & | Analyzed: | 10-Nov-15 | | | | | | |
| Conductivity | 192 | 1.00 | uS/cm | | 189 | | | 1.15 | 20 | | | |
| Batch 5111007 - NO PREP | | | | | | | | | | | | |
| LCS (5111007-BS1) | | | | Prepared & | Analyzed: | 10-Nov-15 | | | | | | |
| Conductivity | 545 | | uS/cm | 500 | | 109 | 80-120 | | | | | |
| Duplicate (5111007-DUP1) | Sour | rce: H502952 | -10 | Prepared & | z Analyzed: | 10-Nov-15 | | | | | | |
| Conductivity | 207 | 1.00 | uS/cm | | 206 | | | 0.145 | 20 | | | |
| Batch 5111009 - General Prep - Wet Chem | | | | | | | | | | | | |
| LCS (5111009-BS1) | | | | Prepared 8 | t Analyzed: | 10-Nov-15 | | | | | | |
| pH | 7.17 | | pH Units | 7.00 | | 102 | 90-110 | | | | | |
| Duplicate (5111009-DUPi) | Sour | rce: H502670 | -11 | Prepared & | Analyzed: | 10-Nov-15 | | | | | | |
| рН | 7.94 | 0.100 | pH Units | | 7.89 | | | 0.632 | 20 | | | |
| Batch 5111010 - General Prep - Wet Chem | | | | | | | | | | | | |
| Blank (5111010-BLK1) | | | | Prepared 8 | z Analyzed | : 10-Nov-15 | | | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | | | |

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Celez D. Kune

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | P Project Nu Project Ma F | | Reported: 02-Dec-15 13:11 | | | | | | | | | |
|--|--------------------------------|------------------------------------|----------|------------------------------|------------------|-------------|----------------|-------|--------------|-------|--|--|--|
| | Ino | rganic Com | pounds | - Quality | Control | | | | | | | | |
| | | Cardin | | n atories | | | | | | | | | |
| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes | | | |
| Batch 5111010 - General Prep - Wet Chem | | | | | | | | | | | | | |
| LCS (5111010-BS1) | Prepared & Analyzed: 10-Nov-15 | | | | | | | | | | | | |
| Chloride | 400 | 16.0 | mg/kg | 400 | | 100 | 80-120 | | | | | | |
| LCS Dup (5111010-BSD1) | | | | Prepared & | z Analyzed: | 10-Nov-15 | | | | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | 7.69 | 20 | | | | |
| Batch 5111011 - General Prep - Wet Chem | | | | | | | | | | | | | |
| Blank (5111011-BLK1) | | | | Prepared & | 2 Analyzed: | 10-Nov-15 | | | | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | | | | |
| LCS (5111011-BS1) | | | | Prepared 8 | z Analyzed: | 10-Nov-15 | | | | | | | |
| Chlaride | 448 | 16.0 | mg/kg | 400 | | 112 | 80-120 | | | | | | |
| LCS Dup (5111011-BSD1) | | | | Prepared 8 | t Analyzed: | 10-Nov-15 | | | | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | 7.41 | 20 | | | | |
| Batch 5111101 - General Prep - Wet Chem | | | | | | | | | | | | | |
| LCS (5111191-BS1) | | | | Prepared & | & Analyzed: | 11-Nov-15 | | | | | | | |
| pH | 7.10 | | pH Units | 7.00 | | 101 | 90-110 | | | | | | |
| Duplicate (5111101-DUP1) | Sot | Irce: H502952 | -08 | Prepared & | & Analyzed: | : 11-Nov-15 | | | | | | | |
| pH | 6.95 | 0.100 | pH Units | | 7.00 | | | 0.717 | 20 | | | | |
| Batch 5111606 - General Prep - Wet Chem | | | | | | | | | | | | | |
| Blank (5111606-BLK1) | | | | Prepared: | 16-Nov-15 | Analyzed: 0 | 1-Dec-15 | | | | | | |
| Sulfate | ND | 10.0 | mg/kg | | | | | | | | | | |

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Page 109 of 375

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

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | Reported: 02-Dec-15 13:11 |
|--|---|------------------------------|
|--|---|------------------------------|

Inorganic Compounds - Quality Control

| Cardinal Laboratories | | | | | | | | | | |
|---|--------|--------------------|-------|----------------|------------------|-------------|----------------|------|--------------|-------|
| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
| Batch 5111606 - General Prep - Wet Chem | | | | | | | | | | |
| LCS (5111606-BS1) | | | | Prepared: 1 | 6-Nov-15 | Analyzed: 0 | 1-Dec-15 | | | |
| Sulfate | 20.0 | 10.0 | mg/kg | 20.0 | | 99.9 | 80-120 | | | |
| LCS Dup (5111606-BSD1) | | | | Prepared: 1 | 16-Nov-15 | Analyzed: 0 | 11-Dec-15 | | | |
| Sulfate | 21.3 | 10.0 | mg/kg | 20.0 | | 106 | 80-120 | 6.40 | 20 | |
| Batch 5112009 - General Prep - Wet Chem | | | | | | | | | | |
| Blank (5112009-BLK1) | | | | Prepared 8 | z Analyzed: | 20-Nov-15 | i | | | |
| Alkalinity, Carbonate | ND | 0.00 | mg/kg | | | | | | | |
| Alkalinity, Bicarbonate | ND | 5.00 | mg/kg | | | | | | | |
| Alkalinity, Total | ND | 4.00 | mg/kg | | | | | | | |
| LCS (5112009-BS1) | | | | Prepared & | z Analyzed: | 20-Nov-15 | 5 | | | |
| Alkalinity, Carbonate | ND | 0.00 | mg/kg | | | | 80-120 | | | |
| Alkalinity, Bicarbonate | 126 | 5.00 | mg/kg | | | | 80-120 | | | |
| Alkalinity, Total | 104 | 4.00 | mg/kg | 100 | | 104 | 80-120 | | | |
| LCS Dup (5112009-BSD1) | | | | Prepared & | k Analyzed | 20-Nov-15 | 5 | | | |
| Alkalinity, Carbonate | ND | 0.00 | mg/kg | | | | 80-120 | | 20 | |
| Alkalinity, Bicarbonate | 126 | 5.00 | mg/kg | | | | 80-120 | 0.00 | 20 | |
| Alkalinity, Total | 104 | 4.00 | mg/kg | 100 | | 104 | 80-120 | 0.00 | 20 | |

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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ | Reported: 02-Dec-15 13:11 |
|--|---|------------------------------|
| | Fax To: (575) 774-9116 | |

Volatile Organic Compounds by EPA Method 8021 - Quality Control

| Cardinal Laboratories | Cardinal | Laboratorie | 5 |
|-----------------------|----------|-------------|---|
|-----------------------|----------|-------------|---|

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------------------------------------|--------|--------------------|-------|----------------|------------------|-------------|----------------|------|--------------|-------|
| Batch 5111107 - Volatiles | | | | | | | | | | |
| Blank (5111107-BLK1) | | | | Prepared & | Analyzed: | 11-Nov-15 | ; | | | |
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BTEX | ND | 0.300 | mg/kg | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | ND | | mg/kg | 0.0500 | | 98.2 | 73.6-140 | | | |
| LCS (5111107-BS1) | | | | Prepared: 1 | 11-Nov-15 | Analyzed:) | 2-Nov-15 | | | |
| Benzene | 2.03 | 0.050 | mg/kg | 2.00 | | 102 | 82.6-122 | | | |
| Toluene | 2.24 | 0.050 | mg/kg | 2.00 | | 112 | 72.9-122 | | | |
| Ethylbenzene | 2.07 | 0.050 | mg/kg | 2.00 | | 103 | 65.4-131 | | | |
| Total Xylenes | 6.52 | 0.150 | mg/kg | 6.00 | | 109 | 73.8-125 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0498 | | mg/kg | 0.0500 | | 99.7 | 73.6-140 | | | |
| LCS Dup (5111107-BSD1) | | | | Prepared: | 11-Nov-15 | Analyzed: | 12-Nov-15 | | | |
| Benzene | 2.08 | 0.050 | mg/kg | 2.00 | | 104 | 82.6-122 | 2.29 | 8.23 | |
| Toluene | 2.33 | 0.050 | mg/kg | 2.00 | | 116 | 72.9-122 | 3.59 | 8.71 | |
| Ethylbenzene | 2.17 | 0.050 | mg/kg | 2.00 | | 108 | 65.4-131 | 4.73 | 9.46 | |
| Total Xylenes | 6.83 | 0.150 | mg/kg | 6.00 | | 114 | 73.8-125 | 4.56 | 8.66 | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0511 | | mg/kg | 0.0500 | | 102 | 73.6-140 | | | |

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Celey D. Keene, Lab Director/Quality Manager



| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ | Reported: 02-Dec-15 13:11 |
|--|---|------------------------------|
| | Fax To: (575) 774-9116 | |

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|--------|--------------------|--------|----------------|------------------|--------------|----------------|------|--------------|-------|
| Batch 5110802 - General Prep - Organics | | | | | | | | | | |
| Blank (5110802-BLK1) | | | | Prepared: (| 08-Nov-15 | Analyzed: 1 | 10-Nov-15 | | | |
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO>C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO>C28-C35 | ND | 10.0 | ing/kg | | | | | | | |
| Total TPH C6-C28 | ND | 10.0 | mg/kg | | | | | | | |
| Surrogate: I-Chlorooctane | 46.9 | | mg/kg | 50.0 | | 93.7 | 35-147 | | | |
| Surrogate: 1-Chlorooctadecane | 49.8 | | mg/kg | 50.0 | | <i>99</i> ,7 | 28-171 | | | |
| LCS (5110802-BS1) | | | | Prepared: (| 08-Nov-15/ | Analyzed: 1 | 10-Nov-15 | | | |
| GRO C6-C10 | 185 | 10.0 | mg/kg | 200 | | 92.4 | 76.7-115 | | | |
| DRO>C10-C28 | 180 | 10.0 | mg/kg | 200 | | 90.2 | 78.3-122 | | | |
| Total TPH C6-C28 | 365 | 10.0 | mg/kg | 400 | | 91.3 | 79.8-117 | | | |
| Surrogate: 1-Chlorooctane | 48.2 | | mg/kg | 50.0 | | 96.5 | 35-147 | | | |
| Surrogate: 1-Chlorooctadecane | 51.9 | | mg/kg | 50.0 | | 104 | 28-171 | | | |
| LCS Dup (5110802-BSD1) | | | | Prepared: (| 08-Nov-15 | Analyzed: | 10-Nov-15 | | | |
| GRO C6-C10 | 194 | 10.0 | mg/kg | 200 | | 97.0 | 76.7-115 | 4.84 | 9.42 | |
| DRO>C10-C28 | 189 | 10.0 | mg/kg | 200 | | 94.4 | 78.3-122 | 4.55 | 13.2 | |
| Total TPH C6-C28 | 383 | 10.0 | mg/kg | 400 | | 95.7 | 79.8-117 | 4.69 | 10.7 | |
| Surrogate: 1-Chlorooctane | 50.8 | | mg/kg | 50.0 | | 102 | 35-147 | | | |
| Surrogate: 1-Chlorooctadecane | 54.5 | | mg/kg | 50.0 | | 109 | 28-171 | | | |

| Blank (5110907-BLK1) | Prepared: 09-Nov-15 Analyzed: 10-Nov-15 | | | | | | | |
|-------------------------------|---|------|-------|------|------|--------|--|--|
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | |
| DRO>C10-C28 | ND | 10.0 | mg/kg | | | | | |
| EXT DRO >C28-C35 | ND | 10.0 | mg/kg | | | | | |
| Total TPH C6-C28 | ND | 10.0 | mg/kg | | | | | |
| Surrogate: I-Chlorooctane | 47.8 | | mg/kg | 50.0 | 95.6 | 35-147 | | |
| Surrogate: 1-Chlorooctadecane | 51.4 | | mg/kg | 50.0 | 103 | 28-171 | | |

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Celey D. Keene, Lab Director/Quality Manager



| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ | Reported: 02-Dec-15 13:11 |
|--|---|------------------------------|
| | Fax To: (575) 774-9116 | |

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---|---|--------------------|--------|----------------|------------------|------------------|----------------|------|--------------|-------|
| Batch 5110907 - General Prep - Organics | | | | | | | | | | |
| LCS (5110907-BS1) | Prepared: 09-Nov-15 Analyzed: 10-Nov-15 | | | | | | | | | |
| GRO C6-C10 | 184 | 10.0 | nıg/kg | 200 | | 92.2 | 76.7-115 | | | |
| DRO >C10-C28 | 176 | 10.0 | mg/kg | 200 | | 87. 9 | 78.3-122 | | | |
| Total TPH C6-C28 | 360 | 10.0 | mg/kg | 400 | | 90.0 | 79.8-117 | | | |
| Surrogate: 1-Chlorooctane | 47.2 | | mg/kg | 50.0 | | 94.3 | 35-147 | | | |
| Surrogate: 1-Chlorooctadecane | 49.4 | | mg/kg | 50.0 | | <i>98</i> .7 | 28-171 | | | |
| LCS Dup (5110907-BSD1) | | | | Prepared: | 09-Nov-15 | Analyzed: | 10-Nov-15 | | | |
| GRO C6-C10 | 193 | 10.0 | mg/kg | 200 | | 96.6 | 76.7-115 | 4.70 | 9.42 | |
| DRO >C10-C28 | 190 | 10.0 | mg/kg | 200 | | 95.1 | 78.3-122 | 7.82 | 13.2 | |
| Total TPH C6-C28 | 383 | 10.0 | mg/kg | 400 | | 95.8 | 79.8-117 | 6.24 | 10.7 | |
| Surrogate: 1-Chlorooctane | 49.6 | | mg/kg | 50.0 | | 99.3 | 35-147 | | | |
| Surrogate: 1-Chlorooctadecane | 52.9 | | mg/kg | 50.0 | | 106 | 28-171 | | | |

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Celey D. Keene, Lab Director/Quality Manager

Page 34 of 41

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| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | P Project Nu Project Ma F | roject: umber: nager: ax To: | QUARTERLY NONE GIVE CRAIG SCHN (575) 774-9 | VADOZE N MITZ 116 | | | F 02- | Reported: Dec-15 13 | 3:11 |
|--|--------|------------------------------------|---------------------------------------|---|----------------------------|-----------|----------------|----------|------------------------|-------|
| General Chemistry - Quality Control Green Analytical Laboratories | | | | | | | | | | |
| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
| Batch B511109 - General Prep - Wet Chem Dunlicate (B511109-DUP2) | Sou | urce: H502952- | -10 | Prepared & | . Analyzed: | 11-Nov-15 | | | | |
| % Dry Solids | 84.2 | | % | | 84.1 | | | 0.107 | 20 | |

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% Dry Solids

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Celey D. Keene, Lab Director/Quality Manager

Page 35 of 41



| T-N-T ENVIRONMENTAL 70 QJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | Reported: 02-Dec-15 13:11 |
|--|---|------------------------------|
|--|---|------------------------------|

Total Metals by ICP - Quality Control

Green Analytical Laboratories

| | | Reporting | FF_?4 | Spike | Source | 04DEC | %REC | רוסס | RPD Limit | Noter |
|--------------------------|--------|-----------|-----------|-------------|-------------|-------------|-----------|-------|--------------|--------|
| Analyte | Result | Limit | Units | Level | Result | /orceu | | N'D | | 110103 |
| Batch B511119 - EPA 3050 | | | | | | | | | | |
| Blank (B511119-BLK1) | | | | Prepared: 1 | 12-Nov-15 A | Analyzed: 1 | 8-Nov-15 | | | |
| Lead | ND | 0.100 | mg/kg dry | | | | | | | |
| Arsenic | ND | 0.100 | mg/kg dry | | | | | | | |
| Sodium | ND | 2,00 | mg/kg dry | | | | | | | |
| Selenium | ND | 0.200 | mg/kg dry | | | | | | | |
| Potassium | ND | 2.00 | mg/kg dry | | | | | | | |
| Silver | ND | 0.050 | mg/kg dry | | | | | | | |
| Chromium | ND | 0.050 | mg/kg dry | | | | | | | |
| Calcium | ND | 1.00 | mg/kg dry | | | | | | | |
| Cadmium | ND | 0.050 | mg/kg dry | | | | | | | |
| Magnesium | ND | 1.00 | mg/kg dry | | | | | | | |
| Barium | ND | 0.010 | mg/kg dry | | | | | | | |
| LCS (B511119-BS1) | | | | Prepared: | 12-Nov-15 | Analyzed: 1 | 8-Nov-15 | | | |
| Magnesium | 20.6 | 1.00 | mg/kg dry | 20.0 | | 103 | 85-115 | | | |
| Silver | 0.101 | 0.050 | mg/kg dry | 0.100 | | 101 | 85-115 | | | |
| Lead | 2.02 | 0.100 | mg/kg dry | 2.00 | | 101 | 85-115 | | | |
| Sodium | 6.53 | 2.00 | mg/kg dry | 6.48 | | 101 | 85-115 | | | |
| Selenium | 7.97 | 0.200 | mg/kg dry | 8.00 | | 99.6 | 85+115 | | | |
| Calcium | 4.22 | 1.00 | mg/kg dry | 4.00 | | 105 | 85-115 | | | |
| Barium | 1.97 | 0.010 | mg/kg dry | 2.00 | | 98.3 | 85-115 | | | |
| Cadmium | 1.93 | 0.050 | mg/kg dry | 2.00 | | 96.5 | 85-115 | | | |
| Potassium | 8.14 | 2.00 | mg/kg dry | 8.00 | | 102 | 85-115 | | | |
| Arsenic | 3.92 | 0.100 | mg/kg dry | 4.00 | | 97.9 | 85-115 | | | |
| Chromium | 2.06 | 0.050 | mg/kg dry | 2.00 | | 103 | 85-115 | | | |
| LCS Dup (B511119-BSD1) | | | | Prepared: | 12-Nov-15 | Analyzed: | 18-Nov-15 | | | |
| Arsenic | 3.98 | 0.100 | mg/kg dry | 4.00 | | 99.5 | 85-115 | 1.65 | 20 | |
| Barium | 1.96 | 0.010 | mg/kg dry | 2.00 | | 97.8 | 85-115 | 0.485 | 20 | |
| Sodium | 6.51 | 2.00 | mg/kg dry | 6.48 | | 101 | 85-115 | 0.319 | 20 | |
| Silver | 0.099 | 0.050 | mg/kg dry | 0.100 | | 99.0 | 85-115 | 2.12 | 20 | |
| Calcium | 4.18 | 1.00 | mg/kg dry | 4.00 | | 104 | 85-115 | 0.899 | 20 | |
| Chromium | 2.05 | 0.050 | mg/kg dry | 2.00 | | 102 | 85-115 | 0.558 | 20 | |
| Lead | 2.04 | 0.100 | mg/kg dry | 2.00 | | 102 | 85-115 | 0.750 | 20 | |

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD Proje LINDRITH NM, 87029 Proje | Project: QUARTERLY VADOZE ect Number: NONE GIVEN ct Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | Reported: 02-Dec-15 13:11 |
|--|--|------------------------------|
|--|--|------------------------------|

Total Metals by ICP - Quality Control

Green Analytical Laboratories

| Analyte | Result | Reporting Limit | Units | Spik e Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------|--------|--------------------|-----------|----------------------------|------------------|-------------|----------------|--------|--------------|-------|
| Batch B511119 - EPA 3050 | | | | | | | | | | |
| LCS Dup (B511119-BSD1) | | | | Prepared: 1 | 12-Nov-15 | Analyzed: 1 | 8-Nov-15 | | | |
| Magnesium | 20.6 | 1.00 | mg/kg dry | 20.0 | | 103 | 85-115 | 0.0512 | 20 | |
| Selenium | 7,93 | 0.200 | mg/kg dry | 8.00 | | 99.1 | 85-115 | 0.515 | 20 | |
| Cadmium | 1.92 | 0.050 | mg/kg dry | 2.00 | | 96.1 | 85-115 | 0.484 | 20 | |
| Potaseium | 7.89 | 2.00 | mg/kg dry | 8.00 | | 98.6 | 85-115 | 3.19 | 20 | |

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Total Mercury by CVAA - Quality Control

Green Analytical Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------|--------|--------------------|-----------|----------------|------------------|-------------|----------------|------|--------------|-------|
| Batch B511186 - EPA 7471 | | | | | | | | | | |
| Blank (B511186-BLK1) | | | | Prepared & | : Analyzed: | 18-Nov-15 | | | | |
| Mercury | ND | 0.0002 | mg kg wet | | | | | | | |
| LCS (B511186-BS1) | | | | Prepared 8 | . Analyzed | : 18-Nov-15 | | | | |
| Mercury | 0.0022 | 0.0002 | mg kg wet | 0.00200 | | 801 | 85-115 | | | |
| LCS Dup (B511186-BSD1) | | | | Prepared 8 | z Analyzed | : 18-Nov-15 | | | | |
| Mercury | 0.0023 | 0.0002 | mg kg wet | 0.00200 | | 113 | 85-115 | 3.80 | 20 | |

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Page 38 of 41

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Notes and Definitions

| H1 | Sample was received several days after collected and subsequently analyzed past hold time |
|-----|---|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500CI-B does not require samples be received at or below 6°C |
| | Samples reported on an as received basis (wet) unless otherwise noted on report |

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| 1) 33 | 106 | | | | | | | | | | | | | | | | 5 | E | | |
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T-N-T ENVIRONMENTAL TIK 70 OJ:TO Rd LINDRITH N.M. 87029

LANd FARM MAP PERMIT WM-01-0008 SEC. 5\$8 T25N R3W



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

July 21, 2016

CRAIG SCHMITZ

T-N-T ENVIRONMENTAL

70 OJITO ROAD

LINDRITH, NM 87029

RE: QUARTERLY VADOZE

Enclosed are the results of analyses for samples received by the laboratory on 06/28/16 9:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited certif.html.

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

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

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

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

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

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

Sincerely,

Celeg D. Keine

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

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: Project Number: Project Manager: Fax To: | QUARTERLY VADOZE NONE GIVEN CRAIG SCHMITZ (575) 774-9116 | Reported: 21-Jul-16 16:35 |
|--|--|---|------------------------------|
| | FdX TO: | (5/5) //4-9116 | |

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received | |
|-----------|---------------|--------|-----------------|-----------------|--|
| CELL # 2 | H601430-02 | Soil | 22-Jun-16 08:30 | 28-Jun-16 09:25 | |
| CELL # 3 | H601430-03 | Soil | 22-Jun-16 09:00 | 28-Jun-16 09:25 | |
| CELL # 4 | H601430-04 | Soil | 22-Jun-16 09:30 | 28-Jun-16 09:25 | |
| CELL # 5 | H601430-05 | Soil | 22-Jun-16 10:00 | 28-Jun-16 09:25 | |
| CELL # 6 | H601430-06 | Soil | 22-Jun-16 10:30 | 28-Jun-16 09:25 | |
| CELL # 7 | H601430-07 | Soil | 22-Jun-16 11:00 | 28-Jun-16 09:25 | |
| CELL # 8 | H601430-08 | Soil | 22-Jun-16 11:30 | 28-Jun-16 09:25 | |
| CELL # 9 | H601430-09 | Soil | 22-Jun-16 12:00 | 28-Jun-16 09:25 | |
| CELL # 10 | H601430-10 | Soil | 22-Jun-16 13:30 | 28-Jun-16 09:25 | |
| CELL # 11 | H601430-11 | Soil | 22-Jun-16 14:00 | 28-Jun-16 09:25 | |
| CELL # 12 | H601430-12 | Soil | 22-Jun-16 14:30 | 28-Jun-16 09:25 | |
| CELL # 13 | H601430-13 | Soil , | 22-Jun-16 15:00 | 28-Jun-16 09:25 | |
| | - | | - | | |

Cardinal Laboratories

*=Accredited Analyte

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Celleg Z. Kene-

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | | | Reported: 21-Jul-16 16:3 | 5 |
|--|---|------|--------------------|-------------|------------|------------|---------|--------------------|-----------------------------|-----------|
| - | | | С 4601 | ELL # 2 | # D | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | al Laborate | ories | | ····· | | | |
| Inorganic Compounds | | | | | | | | | | |
| Alkalinity, Bicarbonate | 488 | | 20.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | |
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 6062904 | AP | 29-Jun-16 | 4500-CI-B | |
| Conductivity | 397 | | 1.00 | uS/cm | 1 | 6070503 | AP | 05- Jul -16 | 120.1 | |
| pH* | 7.30 | | 0.100 | pH Units | 1 | 6062808 | AP | 29-Jun-16 | 9045 | |
| Sulfate | <40.0 | | 40.0 | mg/kg | 4 | 6071106 | AP | 11 - Jul-16 | 375.4 | |
| Alkalinity, Total* | . 400 | | 16.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | |
| Volatile Organic Compounds by | EPA Method | 8021 | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 97.1 % | 73.6- | 140 | 6062901 | MS | 29-Jun-16 | 8021B | |
| <u>Petroleum Hydrocarbons by GC</u> | FID | - | | | | | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 80.2 % | 35-1 | 47 | 6062812 | MS | 29-Jun-16 | 801 5B | |
| Surrogate: 1-Chlorooctadecane | | | 87.0 % | 28-1 | 71 | 6062812 | MS | 29-Jun-16 | 801 5B | |
| | | | Green Anal | ytical Labo | oratories | 、 | | | | |
| General Chemistry | | | | | | · <u> </u> | | | | |
| % Dry Solids | 98.3 | | | % | 1 | B607087 | LLG | 13-Jul-16 | ASA#9 & SSSA#5 | H1 |
| <u></u> | | | | | | | · | : | | |
| Cardinal Laboratories | , | - | | | | | | | *=Accredite | d Analvte |

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Celeg Z. Kene

Celey D. Keene, Lab Director/Quality Manager

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

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Project Nu Project Mar Project Mar F | roject: QUA mber: NON nager: CRA ax To: (575 | RTERLY V E GIVEN IG SCHMI) 774-911 | ADOZE IZ 6 | | : | Reported: 21-Jul-16 16:3 | 5 |
|--|--------|-----|---|---|--|------------------|---------|-----------|-----------------------------|-------|
| | | | H60 | CELL # 2 1430-02 (So | il) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Green Ana | lytical Labo | ratories | | | | | |
| Total Metals by ICP | | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Barium | 88.4 | | 1.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Calcium | 3340 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Chromium | 14.5 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jui-16 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Magnesium | 3200 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Potassium | 1940 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Total Mercury by CVAA | | | | | | | | | | |
| Mercury | <0.102 | | 0.102 | mg/kg dry | 500 | B607010 | LLG | 08-Jul-16 | EPA7471 | |

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Celley L. Kana

Celey D. Keene, Lab Director/Quality Manager

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Project Nun Project Mana Froject Mana Fa | | Reported: 21-Jul-16 16:35 | | | | | |
|---|---|---|---|--|--|--|---|---|---|--|
| | | | C H601 | ELL#3 430-03 (So | oil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | al Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Alkalinity, Bicarbonate | 351 | | 20.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | |
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 6062904 | AP | 29-Jun-16 | 4500-C1-B | |
| Conductivity | 318 | | 1.00 | uS/cm | 1 | 6070503 | AP | 05-Jul-16 | 120.1 | |
| рН* | 7.28 | | 0.100 | pH Units | 1 | 6062808 | AP | 29-Jun-16 | 9045 | |
| Sulfate | <40.0 | | 40.0 | mg/kg | 4 | 6071106 | AP | 11-Jul-16 | 375.4 | |
| Alkalinity, Total* | 288 | | 16.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | |
| Volatile Organic Compounds by | EPA Method 80 | 21 | | | | | | | | |
| Benzene* | < 0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Ethylbeńzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 96.1 % | 73.6- | 140 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Patroleum Hydrocarbons by GC | FID | | | | | , | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 81.8 % | 35-3 | 47 | 6062812 | MS | 29-Jun-16 | 801 5B | |
| Surrogate: 1-Chlorooctadecane | | | 82.4 % | 28-1 | 71 | 6062812 | MS | 29-Jun-16 | 801 5B | |
| | | | Green Anal | ytical Lab | oratories | | | | | |
| General Chemistry | <u></u> | | · · · · · · · · · · · · · · · · · · · | | | | | | | |
| % Dry Solids | 98.1 | ъ , | | % | 1 | B607087 | LLG | 13-Jul-16 | ASA#9 & SSSA#5 | н |
| | | | | | | | | | | |
| Cardinal Laboratories | | | | | | · | | | *=Accredite | d Analyte |
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Celez Litteine



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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | ···· | | Pr Project Nur Project Mar Fa | oject: QUA mber: NON nager: CRA ax To: (575 CELL # 3 | RTERLY V IE GIVEN IG SCHMI 5) 774-911 | ADOZE TZ 6 | | | Reported: 21-Jul-16 16:3 | 35 |
|--|--------|-----|--|--|--|------------------|---------|-----------|-----------------------------|-------|
| | | | H60 | 1430-03 (So | il) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Green Ana | lytical Labo | oratories | | | | | |
| Total Metals by ICP | | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Barium | 91.8 | | 1.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Calcium | 3510 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Chromium | 14.3 | | 5.00 | mg/kg åry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Magnesium | 3270 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Potassium | 1590 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Total Mercury by CVAA | | | | | | | | | | |
| Mercury | <0.102 | | 0.102 | mg/kg dry | 500 | B607010 | LLG | 08-Jul-16 | EPA7471 | |

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Celleg Di Keene

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

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Project Nun Project Mana Fa | | Reported: 21-Jul-16 16:35 | | | | | |
|--|------------------------|---------------------|-----------------------------------|-----------------------|------------------------------|---------|------------|--------------------|-------------------|------------|
| | | | С Н601 | ELL # 4 430-04 (So | vil) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| · · · · · · · · · · · · · · · · · · · | | | Cardina | al Laborat | ories | | | | | • |
| Inorganic Compounds | | | | | | | <u></u> =. | | | |
| Alkalinity, Bicarbonate | 370 | | 20.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 1 | 6071107 | AP | 14- Jul- 16 | 310.1 | |
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 6062904 | AP | 29-Jun-16 | 4500-Cl-B | |
| Conductivity | 376 | | 1.00 | uS/cm | 1 | 6070503 | AP | 05-Jul-16 | 120.1 | |
| рН* | 7.31 | | 0.100 | pH Units | 1 | 6062808 | AP | 29-Jun-16 | 9045 | |
| Sulfate | <40.0 | | 40.0 | mg/kg | 4 | 6071106 | AP | 11-Jul-16 | 375.4 | |
| Alkalinity, Total* | 304 | | 16.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | |
| <u>Volatile Organic Compounds by I</u> | EPA Method | 1 8021 | | | ···· | | | <u></u> | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Toluene* | <0.050 | : | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | - 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | <i>98.7 %</i> | 73.6- | 140 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 79.0 % | 35-1 | 47 | 6062812 | MS | 29-Jun-16 | 801 5B | |
| Surrogate: 1-Chlorooctadecane | | | 88.7 % | 28-1 | 71 | 6062812 | MS | 29-Jun-16 | 801 5B | |
| | | | Green Anal | vtical Labo | oratories | | | | | |
| General Chemistry | | | | | | | | | | |
| % Dry Solids | 98.1 | <u></u> . | | % | 1 | B607087 | LLG | 13-Jul-16 | ASA#9 & SSSA#5 | H |
| | | | | | | | | | | |
| Cardinal Laboratories | | | | | | | | | *=Accredite | ed Analyte |
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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Project Nu Project Ma F | roject: QUA Imber: NON nager: CRA ax To: (575 | RTERLY V IE GIVEN IG SCHMT 5) 774-911 | ADOZE TZ 6 | | | Reported: 21-Jul-16 16:3 | 5 |
|--|---------|-----|-------------------------------|--|--|------------------|---------|-----------|-----------------------------|-------|
| | | | - H60 | CELL#4 01430-04 (So | il) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | · . | | Green Ana | lytical Labo | oratories | | | | | |
| Total Metals by ICP | <u></u> | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Barium | 97.5 | | 1.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | • |
| Calcium | 4310 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Chromium | 17.3 | | 5.00 | mg/kg áry | 100 | B607069 | LLO | 12-Jui-16 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Magnesium | 3910 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Potassium | 1730 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Total Mercury by CVAA | | | | | | | | | | |
| Mercury | <0.102 | | 0.102 | mg/kg dry | 500 | B607010 | LLG | 08-Jul-16 | EPA7471 | |
| | | | | | | | | | | |

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Celeg Z. Kune

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

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | | | Reported: 21-Jul-16 16:35 | | | |
|--|---|------|--------------------|---------------------|-----------|---------|---------|-------------------|------------------------------|------------|--|--|
| | | | C H601 | ELL#5 430-05 (So | il) | | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | | |
| | | | Cardina | al Laborat | ories | | | | | | | |
| Inorganic Compounds | | | · · · . | | | | | | | | | |
| Alkalinity, Bicarbonate | 370 | | 20.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | | |
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 6062904 | AP | 29-Jun-16 | 4500-C1-B | | | |
| Conductivity | 329 | | 1.00 | uS/cm | 1 | 6070503 | AP | 05-Jul-16 | 120.1 | | | |
| рН* | 7.36 | | 0.100 | pH Units | • • 1 | 6062808 | AP | 29-Jun-16 | 9045 | | | |
| Sulfate | <40.0 | | 40.0 | mg/kg | 4 | 6071106 | AP | 11-Jul-16 | 375.4 | | | |
| Alkalinity, Total* | 304 | | 16.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | | |
| Volatile Organic Compounds by I | EPA Method | 8021 | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 96.9 % | 73.6- | 140 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Petroleum Hydrocarbons by GC] | FID | | | | | | | | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | | | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | | | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | • | | |
| Surrogate: 1-Chlorooctane | | | 82.0 % | 35-1 | 47 | 6062812 | MS | 29-Jun-16 | 801 5B | | | |
| Surrogate: 1-Chlorooctadecane | | | 79.5 % | 28-1 | 71 | 6062812 | MS | 29-Jun-16 | 801 5B | | | |
| ţ | | | 0 | | | | | | | | | |
| | | | Green Anal | ytical Labo | oratories | | | | | | | |
| General Chemistry | 07 - | | | | • | Deagaag | 11.0 | 10 1.1 14 | | | | |
| % Dry Solids | 97.7 | | | % | I | B00/08/ | LLG | 13 -J Щ-16 | ASA#9 & SSSA#5 | H1 | | |
| Cardinal Laboratories | | | | | | | · | | *=Accredite | ed Analyte | | |

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Celey D. Keene, Lab Director/Quality Manager

Page 9 of 38

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Project Nu Project Mar F | roject: QUA Imber: NON nager: CRA ax To: (575 | RTERLY V IE GIVEN IG SCHMT 5) 774-911 | ADOZE TZ 6 | | | Reported: 21-Jul-16 16:3 | 5 |
|--|--------|-----|--------------------------------|--|--|------------------|---------|-----------|-----------------------------|-------|
| | | | H60 | CELL # 5)1430-05 (So | il) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Green Ana | lytical Labo | oratories | | | | | |
| Total Metals by ICP | | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Barium | 89.7 | | 1.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Calcium | 9040 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Chromium | 16.0 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jui-16 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Magnesium | 3560 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Potassium | 1620 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Total Mercury by CVAA | | | | <u> </u> | | | | · | | |
| Mercury | <0.102 | | 0.102 | mg/kg dry | 500 | B607010 | LLG | 08-Jul-16 | EPA7471 | |

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

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | Reported: 21-Jul-16 16:35 | | | |
|---|---|---|--|--|---|---|---|--|--|---|--|
| | | | C H601 | ELL # 6 430-06 (So | il) | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | al Laborato | ories | | | | | | |
| Inorganic Compounds | | | | <u> </u> | | · | | . <u> </u> | | | |
| Alkalinity, Bicarbonate | 429 | | 20.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | - 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | |
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 6062904 | AP | 29-Jun-16 | 4500-C1-B | | |
| Conductivity | 464 | | 1.00 | uS/cm | 1 | 6070503 | AP | 05-Jul-16 | 120.1 | | |
| pH* | 7.46 | , | 0.100 | pH Units | ٦ | 6062808 | AP | 29-Jun-16 | 9045 | | |
| Sulfate | <40.0 | | 40.0 | mg/kg | 4 | 6071106 | AP | 11-Jul-16 | 375.4 | | |
| Alkalinity, Total* | 352 | | 16.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | |
| Volatile Organic Compounds by | y EPA Method | 8021 | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | |
| Total Xvienes* | < 0.150 | | 0.150 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | |
| Surrogate: 4-Bromofluorobenzene (PID) | • | | 98.1 % | 73.6- | 140 | 6062901 | MS | 29-Jun-16 | 8021B | • | |
| Patroloum Hydrogarbons by Gt | C FID | | | | | | | | | | |
| GRO CEC10 | <10.0 | | 10.0 | me/ke | 1 | 6062812 | MS | 29-Jun-16 | 8015B | <u></u> | |
| DBO > C10-C28 | <10.0 | | 10.0 | me/ke | 1 | 6062812 | MS | 29-Jun-16 | 8015B | | |
| FXT DRO >C28-C35 | <10.0 | | 10.0 | mø/kø | 1 | 6062812 | MS | 29-Jun-16 | 8015B | | |
| Surrogate: 1 Chlorostana | | | PD_4 02 | | | 6067817 | | 70 Jun 16 | 80158 | | |
| Surrogate: 1 - Chloroostadagana | | | 30.4 % 75 1 % | 20-1 | +/ 71 | 6062812 | MS | 29-5 un-10 | 801 5D 801 5B | | |
| Surrogate. 1-Chilorooctauecune | | | / 5.4 70 | 20-1 | /1 | 0002012 | MO | 23-3 471-20 | 00102 | | |
| | | | Green Anal | vtical Labo | ratories | | | | | | |
| General Chemister | | | | | | 1 | | | | | |
| % Dry Solids | 97.9 | | | % | 1 | B607087 | LLG | 13-Jul-16 | ASA#9 & SSSA#5 | H | |
| | | | | | | | | | | | |
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Celey D. Keene, Lab Director/Quality Manager

Page 11 of 38

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

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Project Nu Project Mar Fr | roject: QUA mber: NON nager: CRA ax To: (575 | ADOZE TZ 6 | Reported: 21-Jul-16 16:35 | | | | |
|--|--------|-----|---------------------------------|---|------------------|------------------------------|---------|--------------------|-----------|-------|
| | | | H60 | CELL # 6 1430-06 (So | il) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Green Ana | lytical Labo | oratories | | | | | |
| Total Metals by ICP | | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Barium | 108 | | 1.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Calcium | 4130 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Chromium | 18.2 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jui-16 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | • |
| Magnesium | 4030 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Potassium | 2240 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12 -Jul -16 | EPA6010 B | |
| Total Mercury by CVAA | | | | | | | | | | |
| Mercury | <0.102 | | 0.102 | mg/kg dry | 500 | B607010 | LLG | 08-Jul-16 | EPA.7471 | |

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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | Pro Project Nun Project Mana Fa | RTERLY V IE GIVEN IG SCHMT 5) 774-911 | ADOZE TZ 6 | | : | Reported: 21-Jul-16 16:3 | 5 | | |
|---|---|--|---|---|--|---|---|--|---|--|
| | | | С Н601 | ELL # 7 430-07 (Sa | il) | | | | · | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Cardina | l Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | · · · · · | · <u> </u> | | |
| Alkalinity, Bicarbonate | 352 | | 20.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | |
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 6062904 | AP | 29-Jun-16 | 4500-Cl-B | |
| Conductivity | 329 | | 1.00 | uS/cm | 1 | 6070503 | AP | 05-Jul-16 | 120.1 | |
| pH* | 7.38 | | 0.100 | pH Units | ١ | 6062808 | AP | 29-Jun-16 | 9045 | |
| Sulfate | <40.0 | | 40.0 | mg/kg | 4 | 6071106 | AP | 11-Jul-16 | 375.4 | |
| Alkalinity, Total* | 288 | | 16.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | |
| Volatile Organic Compounds by I | EPA Method | 8021 | | | | | | | | |
| Benzene* | < 0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 96.6 % | 73.6- | 140 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Petroleum Hydrocarhons by GC | FID | | | | | | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| Surragate: 1-Chloroctane | | | 861% | 35_ | 147 | 6062812 | MS | 29-Jun-16 | 8015B ' | |
| Surrogate: 1-Chlorooctadecane | | | 82.2 % | 28-1 | 71 | 6062812 | MS | 29-Jun-16 | 801 5B | |
| | | | | | | | | | | |
| Cananal Chamister | | | Green Anal | vtical Lab | oratories | | | | | |
| General Chemistry | 97.5 | | | % | 1 | B607087 | LIG | 13-Jul-16 | ASA#9 & | U |
| 70 DI Y SUILLS | 71.0 | | | | • | 2007007 | , LEG | 10.501.10 | \$\$\$ \$ \$ | 11 |
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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Project Nu Project Ma F | RTERLY V IE GIVEN IG SCHMI 5) 774-911 | ADOZE TZ .6 | | Reported: 21-Jul-16 16:3 | 5 | | |
|--|--------|-----------|-------------------------------|--|-------------------|---------|-----------------------------|-----------|-----------|-------|
| | | | (TTCO | CELL#7 | - | | | | | |
| · · · · · · · · · · · · · · · · · · · | | · · · · , | Hou | 1430-07 (80 | H) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Green Ana | lytical Labo | oratories | | | | | |
| Total Metals by ICP | | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Barium | 111 | | 1.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Calcium | 4400 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Chromium | 16.6 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Magnesium | 3810 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Potassium | 1980 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Total Mercury by CVAA | | | | | | | | | | |
| Mercury | <0.103 | - | 0.103 | mg/kg dry | 500 | B607010 | LLG | 08-Jul-16 | EPA7471 | |

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Celeg Z. Kuna

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | | Reported: 21-Jul-16 16:35 | | | |
|---|--|---|--|--|---|---|--|--|--|---|--|--|
| | | | С Н601 | ELL # 8 430-08 (So | il) | | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | | |
| | | | Cardina | l Laborat | pries | | | | . = | | | |
| Inorganic Compounds | | | | | | · | · · · · · | | | | | |
| Alkalinity, Bicarbonate | 312 | | 20.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | | |
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 6062904 | AP | 29-Jun-16 | 4500-Cl-B | | | |
| Conductivity | 288 | | 1.00 | uS/cm | 1 | 6070503 | AP | 05-Jul-16 | 120.1 | | | |
| фН* | 7.46 | | 0.100 | pH Units | 1 | 6062808 | AP | 29-Jun-16 | 9045 | | | |
| Sulfate | <40.0 | | 40.0 | mg/kg | 4 | 6071106 | AP | 11-Jul-16 | 375.4 | | | |
| Alkalinity, Total* | 256 | | 16.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | | |
| Volatile Organic Compounds by I | EPA Method | 8021 | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 98.3 % | 73.6- | 140 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Petroleum Hydrocarbons by GC | FID | t | | | | | | | | | | |
| GRO C6-C10 | <10.0 | • | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | | | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | | | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | | | |
| Surrogate: 1-Chlorooctane | | | 90.8 % | 35-1 | 47 | 6062812 | MS | 29-Jun-16 | 801 5B | | | |
| Surrogate: 1-Chlorooctadecane | | | <i>87.2 %</i> | 28-1 | 71 | 6062812 | MS | 29-Jun-16 | 80I 5B | | | |
| | | | | | | | | | | | | |
| | | | Green Analy | tical Labo | oratories | | | 7 | | | | |
| General Chemistry | | | | | | · _ · | - <u>-</u> | | | | | |
| % Dry Solids | 96.9 | | | % | 1 | B607087 | LLG | 13-Jul-16 | ASA#9 & SSSA #5 | H | | |
| | | | | | | | | | | | | |
| Cardinal Laboratories | | | ì | | | | | | *=Accredite | d Analyte | | |
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | | | Reported: 21-Jul-16 16:35 | | |
|--|--------|---|---------------------------------------|-----------------------|----------|---------|----------|-----------|-----------|------------------------------|--|--|
| | | | H60 | CELL#8 1430-08 (So | il) | | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | | |
| | | | Green Ana | lytical Labo | ratories | | | | | | | |
| Total Metals by ICP | | | | | | | <u> </u> | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | | |
| Barium | 92.9 | | 1.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | | |
| Calcium | 3720 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | | |
| Chromium | 16.9 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | | |
| Magnesium | 3680 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | | |
| Potassium | 1660 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | | |
| Total Mercury by CVAA | | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | |
| Mercury | <0.103 | | 0.103 | mg/kg dry | 500 | B607010 | LLG | 08-Jul-16 | EPA7471 | | | |

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Celleg Di Kune

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

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Pro Project Nun Project Mana | nject: QUA nber: NON ager: CRA | RTERLY V IE GIVEN IG SCHMT | ADOZE | | Reported: 21-Jul-16 16:35 | | | | |
|--|---|---|---|--|---|---|---|---|---|---|--|--|
| | | ····· | Fa: | x To: (575 | 5) 774-911 | 6 | - , , | | | | | |
| | | | C H601 | ELL # 9 430-09 (So | il) | | • | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | | |
| · | | | Cardina | al Laborat | ories | | | | | | | |
| Inorganic Compounds | | | | | | | | <u></u> | · · · · · · · · · · · · · · · · · · · | | | |
| Alkalinity, Bicarbonate | 156 | | 20.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | | |
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 6062904 | AP | 29-Jun-16 | 4500-C1-B | | | |
| Conductivity | 140 | | 1.00 | uS/cm | 1 | 6070503 | AP | 05-Jul-16 | 120.1 | | | |
| рН* | 7.17 | | 0.100 | pH Units | 1 | 6062809 | AP | 29-Jun-16 | 9045 | | | |
| Sulfate | <40.0 | | 40.0 | mg/kg | 4 | 6071106 | AP | 11-Jul-16 | 375.4 | | | |
| Alkalinity, Total* | 128 | | 16.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | | |
| Volatile Organic Compounds by 1 | EPA Method | 8021 | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 98.0 % | 73.6- | 140 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | | | |
| GRO C6-C10 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | | | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | | | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | | | |
| Surrovate: I-Chlorooctane | | | 787% | 35-7 | 47 | 6062812 | MS | 29-Jun-16 | 801.5B | | | |
| Surrogate: 1-Chlorooctadecane | | | 76.6 % | 28-1 | 71 | 6062812 | MS | 29-Jun-16 | 801 5B | | | |
| | | | Green Anal | yticał Labo | oratories | | | | | | | |
| General Chemistry | | | `` | | | | | | | , <u>*</u> | | |
| % Dry Solids | 94.8 | | | % | 1 | B607087 | LLG | 13-Jul-16 | ASA#9 & | H1 | | |
| | | | | | | | | | SSSA#5 | | | |
| Cardinal Laboratories | | | | | | | | | *=Accredite | ed Analyte | | |
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Celeg Z. Keine

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

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Project Nu Project Man Froject Man | ; | Reported: 21-Jul-16 16:35 | | | | | |
|--|--------|--------|--|-------------------------|------------------------------|---------|---------|---------------------------------------|-----------|-------|
| | | 2 2 | H60 | CELL # 9 1430-09 (So | il) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Green Ana | lytical Labo | ratories | | | | | |
| Total Metals by ICP | | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Barium | 154 | | 1.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Calcium | 4520 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Chromium | 21.5 | • | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jน1-16 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Magnesium | 4910 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Potassium | 2350 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-J ป-1 6 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Total Mercury by CVAA | | | | <u> </u> | | | · | · · · · · · · · · · · · · · · · · · · | | |
| Mercury | <0.105 | | 0.105 | mg/kg dry | 500 | B607010 | LLG | 08-Jนl-16 | EPA7471 | |

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Celleg Z. Kune

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Pro Project Nun Project Mana Fa: | nject: QUA nber: NON ager: CRA k To: (575 | RTERLY V IE GIVEN IG SCHMT 5) 774-911 | ADOZE | Reported: 21-Jul-16 16:35 | | | | |
|--|--|---|---|---|---|---|--|---|---|--|--|
| | | · | C] H601 | ELL # 10 430-10 (So | il) | | | | , | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Cardina | l Laborate | ories | | | | | | |
| Inorganic Compounds | | | | | | | | | | | |
| Alkalinity, Bicarbonate | 156 | | 20.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | |
| Chloride | <16.0 | | 16.0 | mg/kg | 4 | 6062905 | AP | 29 - Jun-16 | 4500-CI-B | | |
| Conductivity | 104 | | 1.00 | uS/cm | 1 | 6070504 | AP | 05-Jul-16 | 120.1 | | |
| pH* | 7.28 | | 0.100 | pH Units | ۱ | 6062809 | AP | 29-Jun-16 | 9045 | | |
| Sulfate | <40.0 | | 40.0 | mg/kg | 4 | 6071106 | AP | 11-Jul-16 | 375.4 | | |
| Alkalinity, Total* | 128 | | 16.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | |
| Volatile Organic Compounds by I | EPA Method | 8021 | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | |
| Ethvlbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | |
| Total Xvienes* | <0.150 | | 0.150 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | |
| Total BTEX | < 0.300 | | 0.300 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | |
| Surrogate: 4-Bromofluorobenzene (PID) | · · · · · · · · · · · · · · · · · · · | | 98.1 % | 73.6- | 140 | 6062901 | MS | 29-Jun-16 | 8021B | | |
| Patrolaum Hydrocarbons by GC 1 | FID | | | | | | | | | | |
| GRO C6-C10 | <10.0 | · | 10.0 | mg/kg | | 6062812 | MS | 29-Jun-16 | 8015B | | |
| DRO >C10-C28 | <10.0 | | 10.0 | me/ke | 1 | 6062812 | MS | 29-Jun-16 | 8015B | | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | | |
| Surmeeter 1 Chlomostona | | | 76.6.04 | | 47 | 6057817 | | 20. Jun 16 | 8015B | | |
| Surrogate, 1-Chlorooctadecane | | | 70.0 78 | 25-1 | 4/ · | 6062812 | MS | 29-5 un=1 0 | 801 5B | | |
| Surrogate. 1-Chiorooctuuecune | | | 71.570 | 20-1 | /1 | 0002012 | | 29-5411-10 | 00155 | | |
| | | | Green Anal | ytical Labo | oratories | | | | | | |
| General Chemistry | | | | | | | | | | | |
| % Dry Solids | 94.5 | | | % | 1 | B607087 | LLG | 13-Jul-16 | ASA#9 & SSSA#5 | н | |
| Cardinal Laboratories | | | | | | | | | *=Accredite | d Analyte | |
| PLEASE NOTE: Liability and Demoges. Cardina's liab any other cause whatsoever shall be deemed weived Including, without limitation, business interruptions, loss cleim is based upon any of the above stated reasons or otherwise | ility and client's exclus unless made in writh of use, or loss of p ie. Results relate only to th | tve remedy for an ng and received is profits incurred by ne samples identified | ny claim arising, whether by Cardinal within thirty client, its subsidiaries, above. This report shall not | based in contract (30) days after affiliates or succes be reproduced excep | t or tort, shall b completion of th sons arising out tin full with written a | e ilm/tæd to the a applicable servic of or related to approval of Cardinal I | emount paid by d e. In no event the performance of aboratories. | lient for analyses. / shall Cardinal be lik f the services hereur | Ji claims, including those ble for incidental or cor der by Cardinal, regardles | for negligence isequential dama; is of whether s | |

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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | ۰. | Project Nu Project Mar Froject Mar | roject: QUA Imber: NON nager: CRA ax To: (575 | RTERLY V E GIVEN IG SCHMI) 774-911 | ADOZE TZ 6 | E Reported: 21-Jul-16 16:35 | | | | |
|--|--------|--------|--|--|--|------------------|--------------------------------|-----------|-----------|-------|--|
| | | | С Н60 | CELL # 10 1430-10 (So | il) | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | |
| | | | Green Ana | lytical Labo | ratories | | | | | | |
| Total Metals by ICP | | | | ······ | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | |
| Barium | 140 | , | 1.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | |
| Calcium | 3980 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | |
| Chromium | 18.6 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | |
| Magnesium | 4250 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | |
| Potassium | 2040 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | |
| Silver | <5.00 | ų. | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | | |
| Total Mercury by CVAA | | | | | | | | | ······ | | |
| Mercury | <0.106 | | 0.106 | mg/kg dry | 500 | B607010 | LLG | 08-Jul-16 | EPA7471 | | |

Cardinal Laboratories

*=Accredited Analyte

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Celez Kuna

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Project Nun Project Man Fa | oject: QUA nber: NON ager: CRA x To: (575 | Reported: 21-Jul-16 16:35 | | | | | |
|---|--|--|---|---|---|---|---|--|---|---|
| | | | C H601 | ELL # 11 430-11 (So | il) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| · · · | | | Cardina | al Laborat | ories | | | | | |
| Inorganic Compounds | | | | | | | | | | |
| Alkalinity, Bicarbonate | 273 | | 20.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | |
| Chloride | <16.0 | | 16.0 | mg/kg | . 4 | 6062905 | AP | 29-Jun-16 | 4500-Cl-B | |
| Conductivity | 286 | | 1.00 | uS/cm | 1 | 6070504 | AP | 05-Jul-16 | 120.1 | |
| pH* | 7.28 | | 0.100 | pH Units | 1 | 6062809 | AP | 29-Jun-16 | 9045 | |
| Sulfate | 87.0 | | 40.0 | mg/kg | 4 | 6071106 | AP | 11-Jul-16 | 375.4 | |
| Alkalinity, Total* | 224 | | 16.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | |
| Volatile Organic Compounds by] | EPA Method | 8021 | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Toluene* | < 0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Ethylbenzene* | < 0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Total Xylenes* | < 0.150 | | 0.150 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 99 .7 % | 73.6- | 140 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | | | | | | | |
| GRO C6-C10 | <10.0 | _ | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| Surrogate: 1-Chlorooctane | | | 88.0 % | 35-7 | 47 | 6062812 | MS | 29-Jun-16 | 801 5B | |
| Surrogate: 1-Chlorooctadecane | | | 82.5 % | 28-1 | 71 | 6062812 | MS | 29-Jun-16 | 801 5B | - |
| | | | Green Anal | ytical Labo | oratories | | | | | |
| General Chemistry | | | | | | | | | | |
| % Dry Solids | 84.1 | | | % | 1 | B607087 | LLG | 13-Jul-16 | ASA#9 & SSSA#5 | HI |
| Cardinal Laboratories | | | | | · · · · · · · · · · · · · · · · · · · | | | ···· | *=Accredite | |
| PLEASE NOTE: Liability and Damages, Cardia's lial any other cause whatsoower shall be deemed wahred including, without limitation, business interruptions, loss claim is based upon any of the above stated reasons or otherwite | Xility and client's exclus unless made in writi of use, or loss of p se. Results relate only to t | whe remedy for an ng and received b profits incurred by he samples identified | ry claim arising, whether by Cardinal within thirty client, its subsidiaries, o above. This report shall not | based in contract (30) days after affiliates or succes be reproduced excep | t or tort, shall b completion of the sors arising out o t in full with written a | e limited to the e applicable servic of or related to approvel of Cardinal L | amount paid by cl a. In no event the performance of aboratories. | ient for analyses. A shall Cardinal be lia the services hereum | VI dalms, including those ible for incidental or co der by Cardinal, regardie | for negligence rsequential dama ss of whether s |

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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | | | Reported: 21-Jul-16 16:3 | 15 |
|--|---|-----|--------------------|--------------------------|-----------|---------|---------|-------------|-----------------------------|-------|
| | | | С Н60 | CELL # 11 1430-11 (So | il) | | : | | · | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | | Green Ana | lytical Labo | oratories | | | | | |
| Total Metals by ICP | | | | | | | • | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Barium | 157 | | 1.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Calcium | 4660 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Chromium | 22.7 | | 5.00 | mg/kg åry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Magnesium | 5070 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Potassium | 2770 | | 200 | mg/kg dry | 100 | B607069 | LLG | . 12-Jul-16 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Total Mercury by CVAA | · | | | | | | | | | |
| Mercury | <0.119 | | 0.119 | mg/kg dry | 500 | B607010 | LLG | 08-Jul-16 | EPA7471 | |
| χ. | | | | | | | | | | |

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Celleg Z. Kune

Celey D. Keene, Lab Director/Quality Manager

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

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | | Reported: 21-Jul-16 16:35 | | | |
|---|--|---|---|--|---|---|--|---|--|---|--|--|
| | | | C | ELL#12 | | | | | | | | |
| ······································ | | · | H601 | 430-12 (So | ·II) | | | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes | | |
| | - | | Cardina | al Laborat | ories | | | | | | | |
| Inorganic Compounds | | | | | | | ··· ··· | | | | | |
| Alkalinity, Bicarbonate | 234 | | 20.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | | |
| Alkalinity, Carbonate | <4.00 | | 4.00 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | | |
| Chloride | <16.0 | | 16.0 | mg/kg | . 4 | 6062905 | AP | 29-Jun-16 | 4500-C1-B | | | |
| Conductivity | 148 | | 1.00 | uS/cm | 1 | 6070504 | AP | 05-Jul-16 | 120.1 | | | |
| pH* | . 7.34 | | 0.100 | pH Units | 1 | 6062809 | AP | 29-Jun-16 | 9045 | | | |
| Sulfate | <40.0 | | 40.0 | mg/kg | 4 | 6071106 | AP | 11-Jul-16 | 375.4 | | | |
| Alkalinity, Total* | 192 | | 16.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | | | |
| <u>Volatile Organic Compounds b</u> | <u>y EPA Method 8</u> | 8021 | | | | | | | | | | |
| Benzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Toluene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Ethylbenzene* | <0.050 | | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Total Xylenes* | <0.150 | | 0.150 | mg/kg | 50 ⁻ | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Total BTEX | <0.300 | | 0.300 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | | | 97.4 % | 73.6- | 140 | 6062901 | MS | 29-Jun-16 | 8021B | | | |
| Petroleum Hydrocarbons by G | C FID | | | | | | | | | | | |
| GRO C6-C10 | <10.0 | | . 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | | | |
| DRO >C10-C28 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS. | 29-Jun-16 | 8015B | | | |
| EXT DRO >C28-C35 | <10.0 | | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | | | |
| Surrogate: 1-Chlorooctane | | | 78.6 % | 35-1 | 47 | 6062812 | MS | 29-Jun-16 | 801 5B | | | |
| Surrogate: 1-Chlorooctadecane | | | 7 6 .7 % | 28-1 | 71 | 6062812 | MS | 29-Jun-16 | 801 5B | | | |
| | | | Green Analy | ytical Lab | ratories | | | | | | | |
| General Chemistry | <u></u> | | | | | | | | | | | |
| % Dry Solids | 93.5 | | | % | 1 | B607087 | LLG | 13-Jul-16 | ASA#9 & SSSA#5 | HI | | |
| | | | | | <u></u> . | | <u></u> . | | | | | |
| Cardinal Laboratories | | | | | | | | | *=Accredit | ed Analyte | | |
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| Celeg Zite | | | | | | | | | | | | |

Page 23 of 38



Page 144 of 375

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | Reported: 21-Jul-16 16:35 | | | |
|--|---|-----|--------------------|--------------|-------------|-----------|------------------------------|-----------|------------|-----------|
| | | | C H60 | CELL # 12 | i 1) | | • | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | . 🗖 | | Green Ana | lytical Labo | oratories | · · · · · | | · · · · | <u> </u> | |
| Total Metals by ICP | | | | | | | | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Barium | 165 | | 1.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Calcium | 4940 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Chromium | 23.0 | | 5.00 | mg/kg dry | ~100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Lead | 10.5 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Magnesium | 5210 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Potassium | 2410 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Sodium | <2 00 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Total Mercury by CVAA | | | | | | | | | . <u>.</u> | . <u></u> |
| Mercury | <0.107 | | 0.107 | mg/kg dry | 500 | B607010 | LLG | 08-Jul-16 | EPA7471 | |
| | | | | | | | | | | |

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Celeg D. Keine


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

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | • | Project Nun Project Nun Project Mana Fa | oject: QUA nber: NOM ager: CRA x To: (57) | ARTERLY V NE GIVEN NG SCHMT 5) 774-911 | | Reported: 21-Jul-16 16:35 | | | |
|--|---------------------------------------|--|--|---|---------|------------------------------|-----------|-------------------|------------|
| · · · · · · · · · · · · · · · · · · · | | C] H601 | ELL # 13 430-13 (Sc | oil) | | | | | |
| Analyte | Result MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | <u></u> | Cardina | al Laborat | ories | | | | | |
| Inorganic Compounds | | | • | | | | | | |
| Alkalinity, Bicarbonate | 234 | 20.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | |
| Alkalinity, Carbonate | <4.00 | 4.00 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | |
| Chloride | <16.0 | 1 6 .0 | mg/kg | 4 | 6062905 | AP | 29-Jun-16 | 4500-C1-B | |
| Conductivity | 148 | 1.00 | uS/cm | 1 | 6070504 | AP | 05-Jul-16 | 120.1 | |
| pH* | 7.39 | 0.100 | pH Units | 1 [.] | 6062809 | AP | 29-Jun-16 | 9045 | • |
| Sulfate | <40.0 | 40.0 | mg/kg | 4 | 6071106 | AP | 11-Jul-16 | 375.4 | |
| Alkalinity, Total* | 192 | 16.0 | mg/kg | 1 | 6071107 | AP | 14-Jul-16 | 310.1 | |
| Volatile Organic Compounds by | EPA Method 8021 | | | | | | | · | |
| Benzene* | <0.050 | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Toluene* | <0.050 | 0:050 | mg/kg | 50 | 6062901 | MŚ | 29-Jun-16 | 8021B | |
| Ethylbenzene* | <0.050 | 0.050 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Total Xvienes* | <0.150 | 0.150 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | * |
| Total BTEX | <0.300 | 0.300 | mg/kg | 50 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Surrogate: 4-Bromofluorobenzene (PID) | | 98.4 % | 73.6- | -140 | 6062901 | MS | 29-Jun-16 | 8021B | |
| Petroleum Hydrocarbons by GC | FID | | | 1 | | | | | |
| GRO C6-C10 | <10.0 | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| DRO >C10-C28 | <10.0 | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | mg/kg | 1 | 6062812 | MS | 29-Jun-16 | 8015B | |
| Surrogate: 1-Chlorooctane | · · · · · · · · · · · · · · · · · · · | 84 5 % | | 147 | 6062812 | MS | | 801.5B | |
| Surrogate: 1-Chlomoctadecane | | 789% | 28- | 171 | 6062812 | MS | 29_1un-16 | 801 5B | |
| | , | | 201 | . , - | | | | | |
| | | | | | | | | | |
| | | Green Anal | ytical Lab | oratories | | | | | • • |
| General Chemistry | | | | | · · · | | | | |
| % Dry Solids | 95.3 | | % | 1 | B607087 | LLG | 13-Jul-16 | ASA#9 & SSSA#5 | H1 |
| Cardinal Laboratories | | | | | | | | *=Accredit | ed Analyte |

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Celley Z. Kane-

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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | | Project Nu Project Mar Fr | oject: QUA mber: NON nager: CRA ax To: (575 | rterly v Ie given Ig schmi) 774-911 | ADOZE TZ 6 | | | Reported: 21-Jul-16 16:: | 35 |
|--|--------|---------|---------------------------------|--|---|------------------|---------|--------------------|-----------------------------|-------|
| | | | С Н60 | ELL # 13 1430-13 (So | il) | | | | | |
| Analyte | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| | | · · · · | Green Ana | lytical Labo | ratories | | | | | |
| Total Metals by ICP | | | | | | | • | | | |
| Arsenic | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12 -Ju l-16 | EPA6010 B | |
| Barium | 154 | | 1.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | • |
| Cadmium | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Calcium | 4660 | | 100 | mg/kg dry | 100 | B607069 | LLG | . 12-Jul-16 | EPA6010 B | |
| Chromium | 20.3 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Lead | <10.0 | | 10.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Magnesium | 4720 | | 100 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Potassium | 2220 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Selenium | <20.0 | | 20.0 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Silver | <5.00 | | 5.00 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Sodium | <200 | | 200 | mg/kg dry | 100 | B607069 | LLG | 12-Jul-16 | EPA6010 B | |
| Total Mercury by CVAA | | , | | | | | | | | |
| Mercury | <0.105 | | 0.105 | mg/kg dry | 500 | B607010 | LLG | 08-Jul-16 | EPA7471 | |
| | | | | | · . | | | | | |
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Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 7/3/2025 10:33:21 AM

Page 26 of 38

Page 146 of 375



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

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | ן Project N Project Ma | Project: (umber: 1 anager: 1 Fax To: (| QUARTERLY VADOZE NONE GIVEN CRAIG SCHMITZ (575) 774-9116 | | | ۰ . | Reported: 21-Jul-16 16:35 | | |
|--|--------|------------------------------|--|---|------------------|-------------|----------------|------------------------------|--------------|-------|
| | Ino | rganic Con | nounds | - Quality | Control | | _ | | | |
| | | Cardi | nal Lab | oratories | Control | | | | | |
| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
| Batch 6062808 - General Pren - Wet Chem | | <u> </u> | | | | | | | | |
| LCS (6062808-BS1) | | | | Prenared: 2 | 98-Jun-16 A | nalvzed 29 | -Jun-16 | | | |
| pH | 7.02 | | pH Units | 7.00 | | 100 | 90-110 | | | |
| Duplicate (6062808-DUP1) | Sou | rce: H601428 | -01 | Prepared: 28-Jun-16 Analyzed: 29-J | | | Jun-16 | | | |
| pH | 8.56 | 0.100 | pH Units | | 8.71 | | | 1.74 | 20 | |
| Batch 6062809 - General Prep - Wet Chem | | | | | | | | | | |
| LCS (6062809-BS1) | , | | | Prepared: 2 | 28-Jun-16 A | nalvzed: 29 | 9-Jun-16 | | | |
| pH | 7.06 | | pH Units | 7.00 | | 101 | 90-110 | | | |
| Duplicate (6062809-DUP1) | Sou | rce: H601430 | -09 | Prepared: 2 | 28-Jun-16 A | nalyzed: 29 | Jun-16 | | | |
| pH | 7.22 | 0.100 | pH Units | | 7.17 | | | 0.695 | 20 | |
| Batch 6062904 - 1:4 DI Water | | | | | | | | | | |
| Blank (6062904-BLK1) | | | | Prepared & | Analyzed: | 29-Jun-16 | | | | |
| Chloride | ND | 16.0 | mg/kg | | <u>+</u> | | | | | |
| LCS (6062904-BS1) | | | | Prepared & | Analyzed: | 29-Jun-16 | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | | | |
| LCS Dup (6062904-BSD1) | | | | Prepared & | Analyzed: | 29-Jun-16 | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | 0.00 | 20 | |
| Batch 6062905 - 1:4 DI Water | | | | | | | | | | |
| Blank (6062905-BLK1) | | | | Prepared & | Analyzed: | 29-Jun-16 | | | | |
| Chloride | ND | 16.0 | mg/kg | | | | | | | |
| | | | | | | | | | | |

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Calley Z. Kene

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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | Reported: 21-Jul-16 16:35 | | | |
|--|--------|---|--------|----------------|------------------|--------------------|------------------------------|--------|--------------|-------|
| | Ino | rganic Com | pound | s - Quality (| Control | | | | | |
| | | Cardi | nal La | boratories | | | | | | |
| Аладуте | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
| Batch 6062905 - 1:4 DI Water | | · . · . | | | | • | | | | |
| LCS (6062905-BS1) | | | | Prepared & | : Analyzed: | 29-Jun-16 | | | | |
| Chloride | 432 | 16.0 | mg/kg | 400 | | 108 | 80-120 | | | |
| LCS Dup (6062905-BSD1) | | | | Prepared & | Analyzed: | 29-Jun-16 | | | | |
| Chloride | 416 | 16.0 | mg/kg | 400 | | 104 | 80-120 | 3.77 | 20 | |
| Batch 6070503 - General Prep - Wet Chem | | | | | | | | | | |
| LCS (6070503-BS1) | | | | Prepared & | Analyzed: | 05-Jul-16 | | | | |
| Conductivity | 491 | | uS/cm | 500 | | 98.2 | 80-120 | | | |
| Duplicate (6070503-DUP1) | Sou | arce: H601430 | -01 | Prepared & | Analyzed: | 05-Jul-16 | | | | |
| Conductivity | 317 | 1.00 | uS/cm | | 312 | | | 1.59 | 20 | |
| Batch 6070504 - General Prep - Wet Chem | | | | | | | | | | |
| LCS (6070504-BS1) | | | | Prepared & | Analyzed: | 0 5-Jul- 16 | | | | |
| Conductivity | 491 | | uS/cm | 500 | | 98.2 | 80-120 | | · | |
| Duplicate (6070504-DUP1) | Sou | ırce: H601430 | -10 | Prepared & | Analyzed: | 05-Jul-16 | | | | |
| Conductivity | 104 | 1.00 | uS/cm | | 104 | | | 0.0960 | 20 | |
| Batch 6071106 - General Prep - Wet Chem | | | • | | | | | | | |
| Blank (6071106-BLK1) | | | | Prepared & | Analyzed: | 11-Jul-16 | | | | |
| Sulfate | ND | 10.0 | mg/kg | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| · · · · · · · · · · · · · · · · · · · | | | | | | | | | | |
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Celey D. Keene, Lab Director/Quality Manager

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

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: Project Number: Project Manager: Fax To: | QUARTERLY VADOZE NONE GIVEN CRAIG SCHMITZ (575) 774-9116 | Reported: 21-Jul-16 16:35 |
|--|--|---|------------------------------|
| | | | 4 |

Inorganic Compounds - Quality Control

Cardinal Laboratories

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|---|--------|-----------|-------|------------|-----------|-----------|--------|----------|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch 6071106 - General Prep - Wet Chem | | | | | | | | | | ` |
| LCS (6071106-BS1) | | | | Prepared & | Analyzed: | 11-Jul-16 | | | | |
| Sulfate | 23.5 | 10.0 | mg/kg | 20.0 | | 118 | 80-120 | | | |
| LCS Dup (6071106-BSD1) | | | | Prepared & | Analyzed: | 11-Jul-16 | | <u> </u> | | |
| Sulfate | 20.0 | 10.0 | mg/kg | 20.0 | | 100 | 80-120 | 16.1 | 20 | ·. — |
| Batch 6071107 - General Prep - Wet Chem | | | | | | | | | | |
| Blank (6071107-BLK1) | | | | Prepared & | Analyzed: | 11-Jul-16 | | | | |
| Alkalinity, Carbonate | ND | 1.00 | mg/kg | . — | _ | | | | | |
| Alkalinity, Bicarbonate | ND | 5.00 | mg/kg | | | | | | | |
| Alkalinity, Total | ND | 4.00 | mg/kg | | | | | | | |
| LCS (6071107-BS1) | | | | Prepared & | Analyzed: | 11-Jul-16 | | | | |
| Alkalinity, Carbonate | ND | 1.00 | mg/kg | | | ·. | 80-120 | - | | |
| Alkalinity, Bicarbonate | 122 | 5.00 | mg/kg | | | | 80-120 | | | |
| Alkalinity, Total | 100 | 4.00 | mg/kg | 100 | | 100 | 80-120 | | | |
| LCS Dup (6071107-BSD1) | | | | Prepared & | Analyzed: | 11-Jul-16 | | | | |
| Alkalinity, Carbonate | ND | 1.00 | mg/kg | | | | 80-120 | | 20 | |
| Alkalinity, Bicarbonate | 126 | | mg/kg | | | | 80-120 | 3.23 | 20 | |
| Alkalinity, Total | 104 | 4.00 | mg/kg | 100 | | 104 | 80-120 | 3.92 | 20 | |

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Cellez L. Kara

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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD | Project: Project Number: | QUARTERLY VADOZE NONE GIVEN | Reported: 21-Jul-16 16:35 |
|--------------------------------------|-----------------------------|--------------------------------|------------------------------|
| LINDRITH NM, 87029 | Project Manager: | CRAIG SCHMITZ | |
| | Fax To: | (575) 774-9116 | |

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|---------------------------------------|--------|-----------|-------|------------|-----------|-----------|-------------------|------|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch 6062901 - Volatiles | - | | | | | | | | | |
| Blank (6062901-BLK1) | | | | Prepared & | Analyzed: | 29-Jun-16 | | | | |
| Benzene | ND | 0.050 | mg/kg | | | | | | | |
| Toluene | ND | 0.050 | mg/kg | | | - | | | | |
| Ethylbenzene | ND | 0.050 | mg/kg | | | | | | | |
| Total Xylenes | ND | 0.150 | mg/kg | | | | | | | |
| Total BIEX | ND | 0.300 | mg/kg | | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | ND | | mg/kg | 0.0500 | | 97.3 | 73.6-140 | | | |
| LCS (6062901-BS1) | • | | | Prepared & | Analyzed: | 29-Jun-16 | | | | |
| Benzene | 1.86 | 0.050 | mg/kg | 2.00 | | 93.0 | 82.6-122 | | | |
| Toluene | 1.76 | 0.050 | mg/kg | 2.00 | | 87.8 | 72.9-122 | | | |
| Ethylbenzene | 1.67 | 0.050 | mg/kg | 2.00 | | 83.4 | 65.4-131 | | | |
| Total Xylenes | 5.12 | 0.150 | mg/kg | 6.00 | | 85.3 | 73.8-125 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0489 | | mg/kg | 0.0500 | | 97.9 | 73.6-140 | | | |
| LCS Dup (6062901-BSD1) | | | | Prepared & | Analyzed: | 29-Jun-16 | | | | |
| Benzene | 1.82 | 0.050 | mg/kg | 2.00 | | 90.8 | 82.6-122 | 2.42 | 8.23 | |
| Toluene | 1.71 | 0.050 | mg/kg | 2.00 | | 85.6 | 72.9-122 | 2.50 | 8.71 | |
| Ethylbenzene | 1.62 | 0.050 | mg/kg | 2.00 | | 81.1 | 65.4-131 | 2.81 | 9.46 | |
| Total Xylenes | 4.98 | 0.150 | mg/kg | 6.00 | | 83.0 | 73. 8- 125 | 2.70 | 8.66 | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0494 | | mg/kg | 0.0500 | | 98.9 | 73.6-140 | | | |

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

| 70 OJITO ROAD Project Number: NONE GIVEN 21-Jul-16 16:35 LINDRITH NM, 87029 Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: Project Number: Project Manager: Fax To: | QUARTERLY VADOZE NONE GIVEN CRAIG SCHMITZ (575) 774-9116 | Reported: 21-Jul-16 16:35 |
|---|--|--|---|------------------------------|
|---|--|--|---|------------------------------|

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|---|---------------|-----------|-------|-------------|-------------|--------------|------------------|------|-------|-------|
| Analyte | Result | Ļimiț | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch 6062812 - General Prep - Organics | | | | • • | | _ | | | | |
| Blank (6062812-BLK1) | | | | Prepared: 2 | 8-Jun-16 A | nalyzed: 2 | 9-Jun-16 | | | |
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | | | | | | | |
| EXT DRO >C28-C35 | ND | 10.0 | mg/kg | | , | | | | | · . |
| Total TPH C6-C28 | ND | 10.0 | mg/kg | | | | | | | • |
| Surrogate: 1-Chloroactane | <i>\$</i> 2.8 | | mg/kg | 50.0 | • • | 85.7 | 35-147 | | | |
| Surrogate: 1-Chlorooctadecane | 45.8 | | mg/kg | 50.0 | | 91.7 | 28-171 | | | |
| LCS (6062812-BS1) | | | | Prepared: 2 | 28-Jun-16 A | nalyzed: 2 | 9-Jun-16 | | | |
| GRO C6-C10 | 199 | , 10.0 | mg/kg | 200 | | 99.7 | 76.7-115 | | | |
| DRO >C10-C28 | 205 | 10.0 | mg/kg | 200 | | 103 | 78.3-122 | | | |
| Total TPH C6-C28 | 405 | 10.0 | mg/kg | 400 | | 101 | 79.8-1 17 | | • | |
| Surrogate: 1-Chlorooctane | 45.2 | | mg/kg | 50.0 | | 90.5 | 35-147 | | | |
| Surrogate: 1-Chlorooctadecane | 47.2 | | mg/kg | 50.0 | | 94.3 | 28-171 | | | |
| LCS Dup (6062812-BSD1) | | | | Prepared: 2 | 8-Jun-16 A | nalyzed: 2 | 9-Jun-16 | | | |
| GRO C6-C10 | 197 | 10.0 | mg/kg | 200 | - | 98.4 | 76.7-115 | 1.23 | 9.42 | |
| DRO >C10-C28 | 196 | 10.0 | mg/kg | 200 | | 98.2 | 78.3-122 | 4.39 | 13.2 | |
| Total TPH C6-C28 | 393 | 10.0 | mg/kg | 400 | | 98.3 | 79.8-117 | 2.82 | 10.7 | |
| Surrogate: 1-Chlorooctane | 43.8 | | mg/kg | 50.0 | | 87.6 | 35-147 | | | |
| Surrogate: 1-Chlorooctadecane | 44.8 | | mg/kg | 50.0 | | 89. 6 | 28-171 | | | |

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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | L Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | | | Reported: 21-Jul-16 16:35 | | | | |
|--|---|---------------------------|---------------------|-----------------------|------------------|-----------|----------------|------------------------------|--------------|-------|---|--|
| | | General Chen Green Ana | nistry - lytical | Quality C Laborato | ontrol ries | | | | | | | |
| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |] | |
| Batch B607087 - General Prep - Wet Chem | | | | | · · . | | | | a af Stat | | _ | |
| Duplicate (B607087-DUP1) | So | urce: H601430- | 09 | Prepared & | Analyzed: | 13-Jul-16 | | | | | | |
| % Dry Solids | 94.8 | | % | | 94.8 | | | 0.00 | 20 | | - | |

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Celey D. Keene, Lab Director/Quality Manager

Page 152 of 375

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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QU Project Number: NO Project Manager: CR Fax To: (57 | IARTERLY VADOZE INE GIVEN AIG SCHMITZ 75) 774-9116 | Reported: 21-Jul-16 16:35 | |
|--|---|---|------------------------------|--|
|--|---|---|------------------------------|--|

Total Metals by ICP - Quality Control

Green Analytical Laboratories

| Analyte | Banılt | Reporting | Dhisto | Spike | Source | %DE O | %REC | - רומק | RPD | Notes |
|--------------------------|--------|-----------|------------|---------------------------------------|-----------|--------------|---------|---------------|--------|--------|
| Lind & | | Enuit. | <u>omé</u> | fiever. | resur | Nater Cr. | r'imits | ττ. | ténur. | 140103 |
| Batch B607069 - EPA 3050 | | | | · · · · · · · · · · · · · · · · · · · | · · · | · | | | | |
| Blank (B607069-BLK1) | | | | Prepared & | Analyzed: | 12-Jul-16 | | | • | |
| Chromium | ND | 0.050 | mg/kg dry | | | | | | | |
| Arsenic | ND | 0,100 | mg/kg dry | | | | | | | |
| Magnesium | ND | 1.00 | mg/kg dry | | | | | | | |
| Sodium | ND | 2.00 | mg/kg dry | | | | | | | |
| Selenium | ND | 0.200 | mg/kg dry | , | | | | | | |
| Barium | ND | 0.010 | mg/kg dry | | | | | | | |
| Cadmium | ND | 0.050 | mg/kg dry | | | | | | | |
| Calcium | ND | 1.00 | mg/kg dry | | | | | | | |
| Lead | ND | 0.100 | mg/kg dry | | | | | | | |
| Potassium | ND | 2.00 | mg/kg dry | | | | | | | |
| Silver | ND | 0.050 | mg/kg dry | | | | | | | |
| LCS (B607069-BS1) | | | | Prepared & | Analyzed: | 12-Jul-16 | | | | |
| Sodiam | 6.55 | 2.00 | mg/kg dry | 6.48 | | 101 | 85-115 | | | |
| Selenium | 8.19 | 0.200 | mg/kg dry | 8.00 | | 102 | 85-115 | | | |
| Lead | 1.97 | 0.100 | mg/kg dry | 2.00 | | 98.5 | 85-115 | | | |
| Arsenic | 4.06 | 0.100 | mg/kg dry | 4.00 | | 102 | 85-115 | | | |
| Chromium | 2.03 | 0.050 | mg/kg dry | 2.00 | | 101 | 85-115 | | | |
| Magnesium | 19.9 | 1.00 | mg/kg dry | 20.0 | | 99.4 | 85-115 | | | |
| Barium | 2.05 | 0.010 | mg/kg dry | 2.00 | | 102 | 85-115 | | | |
| Cadmium | 1.97 | 0.050 | mg/kg dry | 2.00 | | 98.7 | 85-115 | | | |
| Silver | 0.087 | 0.050 | mg/kg dry | 0.100 | | 87.5 | 85-115 | | | |
| Calcium | 4.14 | 1.00 | mg/kg dry | 4.00 | | 104 | 85-115 | | | |
| Potassium | 7.98 | 2.00 | mg/kg dry | 8.00 | | 99.7 | 85-115 | | | |
| LCS Dup (B607069-BSD1) | | | | Prepared & | Analyzed: | 12-Jul-16 | | | | |
| Sodium | 6.59 | 2.00 | mg/kg dry | 6.48 | | 102 | 85-115 | 0.718 | 20 | |
| Silver | 0.088 | 0.050 | mg/kg dry | 0.100 | | 88.0 | 85-115 | 0.568 | 20 | |
| Selenium | 8.42 | 0.200 | mg/kg dry | 8.00 | | 105 | 85-115 | 2.82 | 20 | |
| Potassium | 8.04 | 2.00 | mg/kg dry | 8.00 | · | 101 | 85-115 | 0.815 | 20 | |
| Chromium | 2.05 | 0.050 | mg/kg dry | 2.00 | | 102 | 85-115 | 1.04 | 20 | |
| Arsenic | 4.17 | 0.100 | mg/kg dry | 4:00 | | 104 | 85-115 | 2.70 | 20 | |
| Calcium | 4.16 | 1.00 | mg/kg dry | 4.00 | | 104 | 85-115 | 0.431 | 20 | |

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

Total Metals by ICP - Quality Control

Green Analytical Laboratories

| Analyte | Result | Reporting Limit Uni | Spike ts Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--------------------------|-------------|---------------------------------------|-------------------|------------------|----------|----------------|-------|--------------|-------|
| Batch B607069 - EPA 3050 | · · · · · · | · · · · · · · · · · · · · · · · · · · | | | | | | | |
| LCS Dup (B607069-BSD1) | | | Prepared & | & Analyzed: 12 | l-Jul-16 | | | | |
| Cadmium | 1.98 | 0.050 mg/kg | dry 2.00 | | 98.9 | 85-115 | 0.160 | 20 | |
| Lead | 2.00 | 0.100 mg/kg | dry 2.00 | | 100 | 85-115 | 1.56 | 20 | |
| Barium | 2.06 | 0.010 mg/kg | dry 2.00 | | 103 | 85-115 | 0.498 | 20 | |
| Magnesium | 20.1 | 1.00 mg/kg | dry 20.0 | | 100 | 85-115 | 0.990 | 20 | • |

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | Reported: 21-Jul-16 16:35 |
|--|---|------------------------------|
|--|---|------------------------------|

Total Mercury by CVAA - Quality Control

Green Analytical Laboratories

| | 1 | Reporting | | Spike | Source | | %REC | | RPD | |
|--------------------------------|--------|-----------|-----------|-------------|--------------|-------------|---------|------------------|-------|-------|
| Analyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD [,] | Limit | Notes |
| Batch B607010 - EPA 245.1/7470 | | | | | | | | | | |
| Blank (B607010-BLK1) | | | | Prepared: 0 |)7-Jul-16 Ar | nalyzed: 08 | -Jul-16 | - | | · · · |
| Mercury | ND | 0.0002 | mg/kg wet | | | | | | | |
| LCS (B607010-BS1) | | | | Prepared: 0 |)7-Jul-16 Ar | nalyzed: 08 | -Jul-16 | | | |
| Mercury | 0.0020 | 0.0002 | mg/kg wet | 0.00200 | | 98.7 | 85-115 | | | |
| LCS Dup (B607010-BSD1) | | | | Prepared: 0 | 7-Jul-16 Ar | alyzed: 08 | -Jul-16 | | | |
| Mercury | 0.0019 | 0.0002 | mg/kg wet | 0.00200 | | 97.2 | 85-115 | 1.58 | 20 | |

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

| H1 | Sample was received several days after collected and subsequently analyzed past hold time. |
|--------|--|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| | Chloride by SM4500CI-B does not require samples be received at or below 6°C |
| · · | Samples reported on an as received basis (wet) unless otherwise noted on report |

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cordinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shell be limited to the amount paid by client for analyses. All claims, including those for negligence ar any other cause whetboever shell be deemed walved unless made in writing and received by client, its subidiaria, affiliates or successors arising out of or related to the amount paid by client for analyses. All claims, including those for negligence ar including, without limitation, business interruptions, loss of use, or loss of profils incurred by client, its subidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal between the subidiaries and the services interruptions clients beautions, loss affinites only to the services interruption clients. Results relate only to the samples identified above. This report shell not expect in full with writes approval of Cardinal Liberosteries.

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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† GAL cannot always accept verbal changes. Please fax or email written change requests. Released to Imaging: 7/3/2025 10:33:21 AM · * Chain of Custody must be signed in "Reliquished By:" as an acceptance of services and all applicable charges.

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| For Lab Use | Sample Name or Location | Date | Time | GROUNDWATER SURFACEWATER | WASTEWATER PRODUCEDWATER | | No preservation (general) 4 HNO ₃ | HCI H ₂ SO ₄ Other | Other. | T.P.H 8 | BTEX & | Chloride | MAJOR CAT | SRCRA N | | | | |
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by GAL within 30 days after completion. In no event shall GAL be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors at sing out of or related to the performance of services hareundar by GAL, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

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 † GAL cannot always accept verbal changes. Please fax or email written change requests.

 Released to Imaging: 7/3/2025 10:33:21 AM

 * Chain of Custody must be signed in "Reliquished By:" as an acceptance of services and all applicable charges.





August 11, 2016

5

CRAIG SCHMITZ T-N-T ENVIRONMENTAL

70 OJITO ROAD

LINDRITH, NM 87029

RE: QUARTERLY VADOZE

Enclosed are the results of analyses for samples received by the laboratory on 07/27/16 9:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices 4sit the TCEQ website at www.tceq.texas.gov/field/ca/lab accred certif.html.

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

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

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

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

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

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

Sincerely,

Celez D. Keine



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

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUAI Project Number: NON Project Manager: CRAJ Fax To: (575 | RTERLY VADOZE E GIVEN G SCHMIITZ) 774-9116 | Reported: 11-Aug-16 12:15 |
|--|---|--|------------------------------|
| Sample ID Laboratory II |) Matrix | Date Sampled | Date Received |
| CELL # 1 H601671-01 | Soil | 20-Jul-16 09:00 | 27-Jul-16 09:00 |
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Celeg Z. Frence

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 14

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Page 162 of 375

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | Project Nur Project Nur Project Mana Faj | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | | | Reported: 1-Aug-16 12 | 2:15 |
|--|---------------------------------------|---|---|----------|-------------|---------|-----------|--------------------------|----------|
| | | C H601 | ELL # 1 671-01 (So | il) | | | | | · · |
| Analyte | Result. MDI | Reporting Limit | Units | Difution | Batch | Analyst | Analyzed | Method | Notes |
| | · · · · · · · · · · · · · · · · · · · | Carding | al Laborat | ories | | | | · · · | |
| * | | Curum | | 01103 | · . | · · · | | | • |
| Inorganic Compounds | | · | | | · · · · · · | | | | <u> </u> |
| Alkalinity, Bicarbonate | 244 | 20.0 | mg/kg | 4 | 6080508 | AP | 05-Aug-16 | 310.1M | · •, |
| Alkalinity, Carbonate | <4.00 | 4.00 | mg/kg | 4 | 6080508 | AP | 05-Aug-16 | 310.1M | |
| Chloride | <16.0 | 16.0 | mg/kg | 4 | 6072703 | AC | 28-Jul-16 | 4500-Cl-B | |
| Conductivity | 59.4 | 1.00 | uS/cm | 1 | 6072209 | AP | 02-Aug-16 | 120.1 | •• |
| pH* | 7.51 | 0.100 | pH Units | 1 | 6080202 | AP | 02-Aug-16 | 9045 | |
| Sulfate | <2 00 | 200 | mg/kg | . 20 | 6080303 | AP | 03-Aug-16 | 375.4 | |
| Alkalinity, Total | 200 | 4.00 | mg/kg | 4 | 6080508 | AP | 05-Aug-16 | 310.1M | |
| Volatile Organic Compounds | by EPA Method 8021 | | | • | | | | | ۰. |
| Benzene* | <0.050 | 0.050 | mg/kg | 50 | 6072801 | MS | 28-Jul-16 | 8021B | |
| Tohiene [*] | <0.050 | 0.050 | mg/kg | 50 | 6072801 | MS | 28-Jul-16 | 8021B | |
| Ethvibenzene* | <0.050 | 0.050 | mg/kg | 50 | 6072801 | MS | 28-Jul-16 | 8021B | |
| Total Xylenes* | <0.150 | 0.150 | mg/kg | 50 | 6072801 | MS | 28-Jul-16 | 8021B | |
| Total BTEX | <0.300 | 0.300 | mg/kg | 50 | 6072801 | MS | 28-Jul-16 | 8021B | |
| Surroeate: 4-Bromofluorobenzene (PI | D) | 103 % | 73.6- | 140 | 6072801 | MS | 28-Jul-16 | 8021B | |
| | | 105 70 | | | | | 2000010 | | |
| Petroleum Hydrocarbons by | <u>GC FID</u> | · · · · · · · · · · · · · · · · · · · | | | | | <u> </u> | | |
| GRO C6-C10 | <10.0 | 10.0 | mg/kg | 1 | 6072802 | MS | 28-Jul-16 | 8015B | |
| DRO >C10-C28 | <10.0 | 10.0 | mg/kg | 1 | 6072802 | MS | 28-Jul-16 | 8015B | |
| EXT DRO >C28-C35 | <10.0 | 10.0 | mg/kg | | 6072802 | MS | 28-Jul-16 | 8015B | |
| Surrogate: 1-Chlorooctane | • | 66.9 % | 35-1 | 47 | 6072802 | MS | 28-Jul-16 | 801 5B | |
| Surrogate: 1-Chlorooctadecane | • | 72.2 % | 28-1 | 71 | 6072802 | MS | 28-Jul-16 | 801 5B | |
| | · · | | | | | | | | • |
| · · · · | | Green Anal | vtical Lab | ratories | | 1 . | , | • | |
| | | UTVII AIIAI | , 1/40 | | | | · . | | |
| Jeneral Chemistry | | | | | Deace | | | | |
| % Dry Solids | 94.7 | | % | 1 | B608042 | BDV | 03-Aug-16 | EPA 160.3/16 | H |
| · · · · · · · · · · · · · · · · · · · | · · | | : | | | | | | |

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Celey D. Keene, Lab Director/Quality Manager

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

Analytical Results For:

| T-N-T ENVIRONME 70 OJITO ROAD LINDRITH NM, 870 | NTAL 29 | · · · · · · · · · · · · · · · · · · · | | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | | | · · · · | | Reported: I1-Aug-16 1 | 2:15 | |
|--|------------|---------------------------------------|----------|---|--------------------|---------------------------------------|---------|---------|--------------------------|---------------------------------------|-----------|
| | - | , v | | H60 | CELL#1)1671-01 (So | il) | | | | · . | |
| Analyte | | Result | MDL | Reporting Limit | Units | Dilution | Batch | Analyst | Analyzed | Method | Notes |
| •••••••••••••••••••••••••••••••••••••• | | | | Green An | alvtical Lab | oratories | | • | | | -- |
| | | • | | | | | | | | • | • |
| Total Metals by ICP | | · · · · | <u> </u> | | | · · · · · · · · · · · · · · · · · · · | | | | · · · · · · · · · · · · · · · · · · · | |
| Arsenic | | <10.0 | | 10.0 | mg/kg dry | 100 . | B608048 | LLG | 04-Aug-16 | 6010B | |
| Barium | · . | 121 | | 1.00 | mg/kg dry | 100 | B608048 | LLG | 04-Aug-16 | 6010B | |
| Cadmium | | <5.00 | | 5.00 | mg/kg dry | 100 | B608048 | LLG | 04-Aug-16 | 6010B | |
| Calcium | | 3350 | | 10.0 | mg/kg dry | 100 | B608048 | LLG | 04-Aug-16 | 6010B | |
| Chromium | ••• | 16.6 | | 5.00 | mg/kg åry | 100 | B608048 | LG | 04-Aug-16 | 6010B | |
| Lead | | <10.0 | | 10.0 | mg/kg dry | 100 | B608048 | LLG | 04-Aug-16 | 6010B | |
| Magnesium | | 3490 | | 100 | mg/kg dry | 100 | B608048 | LLG | 04-Aug-16 | 6010B | |
| Potassium | | 1810 | | 200 | mg/kg dry | · 100 · | B608048 | LLG | 04-Aug-16 | 6010B | ч. П |
| Selenium | | <20.0 | - | 20.0 | mg/kg dry | 100 | B608048 | LLG | 04-Aug-16 | 6010B | |
| Silver | | <5.00 | | 5.00 | mg/kg dry | 100 | B608048 | LLG | 04-Aug-16 | 6010B | |
| Sodium | • • | <200 | | 200 | mg/kg dry | 100 👘 | B608048 | LLG | 04-Aug-16 | 6010B | * |
| Total Mercury by CVA | (A | | | | | | | | | • | |
| Mercury | | <0.106 | | 0.106 | mg/kg dry | 500 | B608046 | LLG | 08-Aug-16 | EPA7471 | |
| | . • | - * - | | ۰. | | • | | | | | |
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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | F Project N Project Ma | Project: umber: anager: | QUARTERLY NONE GIVE CRAIG SCH | Y VADOZE N ฑ าาว | | | R <u>1</u> 11-A | eported | 12:15 |
|--|----------|------------------------------|-------------------------------|-------------------------------------|-------------------------------|-------------|---------------------------------------|--------------------|--------------|--|
| | <u> </u> | ····· | | | | | | | | Line and the second sec |
| | Inc | organic Com | pounds | - Quality | Control | | | | | |
| · · | | Cardi | nal Lab | oratories | | | | | | - |
| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD · | RPD Limit | Notes |
| Batch 6072209 - General Prep - Wet Chem | | | | | | | . • • | . • | | |
| LCS (6072209-BS1) | | | | Prepared & | Analyzed: | 02-Aug-16 | 5 | | | |
| Conductivity | 495 | | uS/cm | 500 | | 99.0 | 80-120 | | | |
| Duplicate (6072209-DUP1) | So | urce: H601518 | -02 | Prepared & | Analyzed: | 02-Aug-16 | 5 | | | |
| Conductivity | 1060 | 1.00 | uS/cm | | 1050 | <u></u> | | 1.32 | 20 | |
| Batch 6072703 - 1:4 DI Water | | | | | | | | | | |
| Blank (6072703-BLK1) | | | | Prepared: 2 | 26-Jul-16 A | nalyzed: 27 | 7-Jul-16 | | | |
| Chloride | ND | 16.0 | mg/kg | | | | · · · · · · · · · · · · · · · · · · · | | | |
| LCS (6072703-BS1) | | | | Prepared: 2 | 26-Jul-16 A | nalyzed: 27 | -Jul-16 | -, - | | |
| Chloride | 400 | 16.0 | mg/kg | 400 | | 100 | 80-120 | · · | | <u> </u> |
| LCS Dup (6072703-BSD1) | · . | | | Prepared: 2 | 26-Jul-16 A | nalyzed: 27 | -Jul-16 | | | |
| Chloride | 400 | 16.0 | mg/kg | 400 | | 100 | 80-120 | 0:00 | 20 | |
| Batch 6080202 - General Prep - Wet Chem | | | | | | · | · * * · · · · | | | |
| LCS (6080202-BS1) | | | | Prepared & | Analyzed: | 02-Aug-16 | ; ; | | | |
| pH | 7.02 | | pH Units | 7.00 | | 100 | 90-110 | | | |
| Duplicate (6080202-DUP1) | Sou | urce: H601681- | -01 | Prepared & | Analyzed: | 02-Aug-16 | 5 | | | |
| PH | 7.29 | 0.100 | pH Units | | 7.27 | | | 0.275 | 20 | |
| Batch 6080303 - 1:4 DI Water | | | | | | | | | | |
| Blank (6080303-BLK1) | | | | Prepared & | Analvzed: | 03-Aug-16 | 5 | | | |
| Sulfate | ND | 10.0 | mg/kg | | | | | | | · |
| • | | | | | | | | | | |
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Celey Z. Kune

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | | P Project Nu Project Ma F | roject: umber: inager: ^T ax To: | QUARTERLY NONE GIVEN CRAIG SCHM (575) 774-91 | VADOZE I NTZ 116 | | | 11- | Reported: Aug-16 12: | 15 |
|--|--------|------------------------------------|---|---|---------------------------|-----------|----------------|-------|-------------------------|-------|
| · · | Ino | rganic Com | pounds | s - Quality (| Control | | | | - | |
| | | Cardin | nal Lab | oratories | | | • | | | |
| Analyne | Result | Reporting Limit | Units | Spike Lever | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
| Batch 6080303 - 1:4 DI Water | | | | | | | | | | |
| LCS (6080303-BS1) | | - | | Prepared & | Analyzed: | 03-Aug-16 | | | | |
| Sulfate | 18.2 | 10.0 | mg/kg | 20.0 | | 90.8 | 80-120 | | | |
| LCS Dup (6080303-BSD1) | | | | Prenared & | Analyzed | 03-Aug-16 | | | | |
| Sulfate | 18.2 | 10.0 | mg/kg | 20.0 | <u>/ IIIII / 200.</u> | 91.0 | 80-120 | 0.275 | 20 | |
| Batch 6080508 - General Prep - Wet Chem | | | | | · · · | | | | | |
| – Blank (6080508-BLK1) | | | | Prepared & | Analyzed: | 05-Aug-16 | | , | · | |
| Alkalinity, Carbonate | ND | 1.00 | mg/kg | | | | | | | |
| Alkalinity, Bicarbonate | ND | 5.00 | mg/kg | | | | | | | |
| Alkalinity, Total | ND | 1.00 | mg/kg | | | | | | | |
| LCS (6080508-BS1) | • | | | Prepared & | Analyzed: | 05-Aug-16 | | | | |
| Alkalinity, Carbonate | ND | 1.00 | mg/kg | | | | 80-120 | | | |
| Alkalinity, Bicarbonate | 126 | 5.00 | mg/kg | | | | 80-120 | | | |
| Alkalinity, Total | 104 | 1.00 | mg/kg | 100 | • | 104 | 80-120 | | | |
| LCS Dup (6080508-BSD1) | | | | Prepared & | Analyzed: | 05-Aug-16 | | | | |
| Alkalinity, Carbonate | ND | 1.00 | mg/kg | | | | 80-120 | | 20 | |
| Alkalinity, Bicarbonate | 126 | 5.00 | mg/kg | | | | 80-120 | 0.00 | 20 | |
| Alkalinity, Total | 104 | 1.00 | mg/kg | 100 | | 104 | 80-120 | 0.00 | 20 | |
| | : | | | | • | | | · | | |
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Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 7/3/2025 10:33:21 AM

Page 6 of 14



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Page 166 of 375

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD | Project: QUARTERLY VADOZE Project Number: NONE GIVEN | · . | Reported: 11-Aug-16 12:15 |
|--------------------------------------|---|-----|------------------------------|
| LINDRITH NM, 87029 | Project Manager: CRAIG SCHMITZ | | |
| | Fax To: (575) 774-9116 | | L. |

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

| | | Reporting | Snike | Source | | %PEC | | | |
|---------------------------------------|----------|------------|------------|-------------|-----------|----------|-------|-------|-------|
| Analyte | Result | Limit Unit | s Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch 6072801 - Volatiles | | | | 1 | | ·.· | | | · |
| Blank (6072801-BLK1) | | | Prepared & | Analyzed: | 28-Jul-16 | | | | |
| Benzene | ND | 0.050 mg/k | g | | | | | | |
| Toluene | ND | 0.050 mg/k | g | | | - | | | |
| Ethylbenzene | ND | 0.050 mg/k | g | | | | | | |
| Total Xylenes | ND | 0.150 mg/k | g | | | | | | |
| Total BTEX | ND | 0.300 mg/k | 5 | | | | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0513 | mg/k | g 0.0500 | | 103 | 73.6-140 | | | |
| LCS (6072801-BS1) | | • • | Prepared 8 | k Analyzed: | 28-Jul-16 | | | | |
| Benzene | 2.32 | 0.050 mg/k | g 2.00 | | 116 | 82.6-122 | | | |
| Toluene | 2.36 | 0.050 mg/k | g 2.00 | | 118 | 72.9-122 | | | |
| Ethylbenzene | 2.27 | 0.050 mg/k | g 2.00 | | 113 | 65.4-131 | | | |
| Total Xylenes | 6.81 | 0.150 mg/k | g 6.00 | | 114 | 73.8-125 | | | |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0515 | mg/k | g 0.0500 | | 103 | 73.6-140 | | | |
| LCS Dup (6072801-BSD1) | · · | | Prepared & | Analyzed: | 28-Jul-16 | ·. · · | | | |
| Benzene | 2.34 | 0.050 mg/k | g 2.00 | | 117 | 82.6-122 | 0.836 | 8.23 | |
| Toluene | 2.38 | 0.050 mg/k | g 2.00 | | 119 | 72.9-122 | 0,985 | 8.71 | |
| Ethylbenzene | 2.29 | 0.050 mg/k | g 2.00 | | 115 | 65.4-131 | 1.15 | 9.46 | |
| Total Xylenes | 6.89 | 0.150 mg/k | g 6.00 | | 115 | 73.8-125 | 1.08 | 8.66 | |
| Surrogate: 4-Bromofluorobenzene (PID) | - 0.0507 | mg/k | g 0.0500 | | 101 | 73.6-140 | | | |

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Celez Kuna

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | Reported: 11-Aug-16 12:15 |
|--|---|------------------------------|
|--|---|------------------------------|

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

| | 10 ann fri | Reporting | T In its | Spike | Source | 1/DEC | %REC | BDD | RPD | Nietze |
|---|--------------|-----------|----------|------------|-----------|-----------|----------|------|-------|--------|
| Апагус | Result | | Units | Lever | Kesur | MREC | Limits | RPD | Limit | NODES |
| Batch 6072802 - General Prep - Organics | | | | | 1 | | · | | | |
| Blank (6072802-BLK1) | | | | Prepared & | Analyzed: | 28-Jul-16 | | · | | |
| GRO C6-C10 | ND | 10.0 | mg/kg | | | | | | | |
| DRO >C10-C28 | ND | 10.0 | mg/kg | • | | | | | | |
| EXT DRO >C28-C35 | ND | 10.0 | mg/kg | | | | | | | • |
| Total TPH C6-C28 | ND | . 10.0 | mg/kg | | | | | | ÷. | |
| Surrogate: 1-Chilorooctane | 47.2 | | /mg/kg | 59.0 | | 94.5 | 35-147 | | | |
| Surrogate: 1-Chlorooctadecane | 49 .7 | | mg/kg | 50.0 | | 99.4 | 28-171 | | | • |
| LCS (6072802-BS1) | | | | Prepared & | Analyzed: | 28-Jul-16 | | | | |
| GRO C6-C10 | 196 | 10.0 | mg/kg | 200 | | 98.0 | 76.7-115 | | | |
| DRO >C10-C28 | 214 | 10.0 | mg/kg | 200 | | 107 | 78.3-122 | | | |
| Total TPH C6-C28 | 410 | 10.0 | mg/kg | 400 | | 103 | 79.8-117 | | | |
| Surrogate: 1-Chlorooctane | 49.9 | | mg/kg | 50.0 | | 99.8 | 35-147 | | | |
| Surrogate: 1-Chlorooctadecane | 53.9 | | mg/kg | 50.0 | | 108 | 28-171 | | | |
| LCS Dup (6072802-BSD1) | | | | Prepared & | Analyzed: | 28-Jul-16 | | | | |
| GRO C6-C10 | 193 | 10.0 | mg/kg | 200 | | 96.3 | 76.7-115 | 1.79 | 9.42 | |
| DRO >C10-C28 | 208 | 10.0 | mg/kg | 200 | | 104 | 78.3-122 | 2.98 | 13.2 | |
| Total TPH C6-C28 | 400 | 10.0 | mg/kg | 400 | | 100 | 79.8-117 | 2.41 | 10.7 | |
| Surrogate: 1-Chlorooctane | 49.0 | | mg/kg | 50.0 | | 98.0 | 35-147 | | | |
| Surrogate: 1-Chlorooctadecane | 52.8 | | mg/kg | 50.0 | | 106 | 28-171 | | | |

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Page 168 of 375

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM, 87029 | · · · · · | Project: Project Number: Project Manager: Fax To: | QUARTERLY VADO NONE GIVEN CRAIG SCHMITZ (575) 774-9116 | DZE | • | Rep 11-Au | ported: g-16 12:15 |
|--|-------------|--|---|---------------|----------------|-------------------|---------------------------------------|
| | | General Chemistry | - Quality Control | l | - · | | · · · · · · · · · · · · · · · · · · · |
| | · · · | Green Analytica | l Laboratories | | | | |
| Analyte | Result | Reporting Limit Units | Spike Sour Level Res | ce ut %REC | %REC Limits | RPD | RPD Limit Notes |
| <u> Batch B608042 - General Prep - Wet Chen</u> | n | | | | | ini ini ini | • |
| Duplicate (B608042-DUP1) | Sc | ource: 1608025-02 | Prepared & Analy | zed: 03-Aug- | 16 | | |
| % Dry Solids | 95.2 | % | 94.0 | 5 | | 0.632 | 20 |
| | | | | | | • • • • • | |
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*=Accredited Analyte

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Celeg Di Kune

Analytical Results For:

| T-N-T ENVIRONMENTAL 70 OJITO ROAD LINDRITH NM. 87029 | Project: QUARTERLY VADOZE Project Number: NONE GIVEN Project Manager: CRAIG SCHMITZ | Reported: 11-Aug-16 12:15 |
|--|---|------------------------------|
| | Fax To: (575) 774-9116 | |

Total Metals by ICP - Quality Control

Green Analytical Laboratories

| | | Reporting | | Spike | Source | | %REC | | RPD | |
|--------------------------|--------|-----------|-----------|------------|---------------|-------------------|--------|-------|-------|-------|
| Anałyte | Result | Limit | Units | Level | Result | %REC | Limits | RPD | Limit | Notes |
| Batch B608048 - EPA 3050 | | | · · · | | | 2 | | | | |
| Blank (B608048-BLK1) | | | | Prepared & | Analyzed: (| 04-Aug-16 | | | | |
| Arsenic | ND | 0.100 | mg/kg dry | | • • | | | | | |
| Magnesium | ND | 1.00 | mg/kg dry | | | | | | | |
| Silver | ND | 0.050 | mg/kg dry | | | | | | | |
| Selenium | ND | 0.200 | mg/kg dry | | | | | | | |
| Porassiam | ND | 2.00 | mg/kg dry | | | | | | | |
| Calcium | ND | 0.100 | mg/kg dry | | | | | | | |
| Cadmium | ND | 0.050 | mg/kg dry | • | | | | | | |
| Lead | ND | 0.100 | mg/kg dry | | | | | | | |
| Barium | ND | 0.010 | mg/kg dry | | | | | | | |
| Chromium | ND | 0.050 | mg/kg dry | | • | | | | | |
| Sodium | ND | 2.00 | mg/kg dry | | | | | | | |
| LCS (B608048-BS1) | | • • | | Prepared & | Analyzed: (| 04-Aug-16 | | | · | |
| Silver | 0.094 | 0.050 | mg/kg dry | 0.100 | | 94.5 | 85-115 | | | |
| Sodium | 6.44 | 2.00 | mg/kg dry | 6.48 | | 99.4 | 85-115 | | | · |
| Selenium | 7.94 | 0.200 | mg/kg dry | 8.00 | | 99.2 [°] | 85-115 | | | |
| Potassium | 7.82 | 2.00 | mg/kg dry | 8.00 | | 97.8 | 85-115 | | | |
| Magnesium | 19.2 | 1.00 | mg/kg dry | 20.0 | | 96.2 | 85-115 | | | |
| Calcium | 3.98 | 0.100 | mg/kg dry | 4.00 | | 99.5 | 85-115 | | | |
| Barium | 1.97 | 0.010 | mg/kg dry | 2.00 | | 98.7 | 85-115 | | | |
| Lead | 1.89 | 0.100 | mg/kg dry | 2.00 | | 94.5 | 85-115 | | | |
| Chromium | 1.99 | 0.050 | mg/kg dry | 2.00 | | 99.3 | 85-115 | | | |
| Cadmium | 1.88 | 0.050 | mg/kg dry | 2.00 | | 94.1 | 85-115 | | | |
| Arsenic | 3.92 | 0.100 | mg/kg dry | 4.00 | | 98 .0 | 85-115 | | | |
| LCS Dup (B608048-BSD1) | | | | Prepared & | : Analyzed: (| 04-Aug-16 | | | | |
| Cadmium | 1.89 | 0.050 | mg/kg dry | 2.00 | | 94.3 | 85-115 | 0.185 | 20 | |
| Silver | 0.095 | 0.050 | mg/kg dry | 0.100 | | 95.0 | 85-115 | 0.575 | 20 | |
| Selenium | 7.95 | 0.200 | mg/kg dry | 8.00 | | 99.4 | 85-115 | 0.240 | 20 | · · |
| Lead | 1.93 | 0.100 | mg/kg dry | 2.00 | | 96.3 | 85-115 | 1.97 | 20 | |
| Magnesium | 19.5 | 1.00 | mg/kg dry | 20.0 | | 97.3 | 85-115 | 1,16 | 20 | |
| Arsenic | 3.95 | 0.100 | mg/kg dry | 4.00 | | 98.7 | 85-115 | 0.734 | 20 | |
| Sodium | 6.51 | 2.00 | mg/kg dry | 6,48 | | 100 | 85-115 | 1.06 | 20 | |

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Celeg Z. Keene



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

Analytical Results For:

| | Project | | Reported: |
|--------------------|-----------------|-------------------|-----------------|
| | Project Number | NONE GIVEN | 11-Aug-16 12:15 |
| LINDRITH NM, 87029 | Project Manager | CRAIG SCHMITZ | |
| | Fax To |): (575) 774-9116 | |

Total Metals by ICP - Quality Control

Green Analytical Laboratories

| Analyte | Result | Reporting Limit Units | Spike Lever | Source Result | %REC | %REC Limits | RPD. | RPD Limit | Notes |
|--------------------------|--------|--------------------------|----------------|------------------|------|----------------|-------|--------------|-------|
| Batch B608048 - EPA 3050 | | | | | | | | | |
| LCS Dup (B608048-BSD1) | | | Prepared & | : Analyzed: (| | 1.4 | | | |
| Chromium | 2.00 | 0.050 . mg/kg dry | 2.00 | | 100 | 85-115 | 0.638 | 20 | - 1 |
| Barium | 1.98 | 0.010 mg/kg dry | 2.00 | | 99.1 | 85-115 | 0.362 | 20 | |
| Potassium | 7.91 | 2.00 mg/kg dry | 8.00 | | 98.9 | 85-115 | 1.10 | 20 | |
| Calcium | 4.04 | 0.100 mg/kg dry | 4.00 | | 101 | 85-115 | 1.61 | 20 | |

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Celeg Di Keine

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

| L | Total Mercury by CVAA - Quality Control | |
|--------------------|--|-----------------|
| LINDRITH NM, 87029 | Project Manager: CRAIG SCHMITZ Fax To: (575) 774-9116 | |
| 70 OJITO ROAD | Project Number: NONE GIVEN | 11-Aug-16 12:15 |
| | Project: OLIARTERLY VADOZE | Reported: |

Green Analytical Laboratories

| Analyte | Result | Reporting Limit | Units | Spike Lever | Source Result | %REC | %REC Limits | RPD. | RPD Limit | Notes |
|--------------------------------|--------|--------------------|-----------|----------------|------------------|--------------------|----------------|--------|--------------|-------|
| Batch B608046 - EPA 245.1/7470 | | | | · · | | | | | | · · · |
| Blank (B608046-BLK1) | | | | Prepared & | Analyzed: | 0 8- Aug-16 | | | | |
| Mercury | ND | 0.0002 | mg/kg wet | | | | | | | |
| LCS (B608046-BS1) | | | | Prepared & | Analyzed: | 08-Aug-16 | | | | |
| Mercury | 0.0021 | 0.0002 | mg/kg wet | 0.00200 | ·· . <u></u> | 104 | 85-115 | | - | |
| LCS Dup (B608046-BSD1) | | | | Prepared & | Analyzed: | 08-Aug-16 | | | | |
| Mercury | 0.0021 | 0.0002 | mg/kg wet | 0.00200 | | 104 | 85-115 | 0.0962 | 20 | |

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*=Accredited Analyte

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Celeg Z. Kane-

Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

| H2 | Sample analysis performed past hold time specified by the method. |
|-----|---|
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| | Chloride by SM4500CI-B does not require samples be received at or below 6°C |

Samples reported on an as received basis (wet) unless otherwise noted on report.

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Celey D. Keene, Lab Director/Quality Manager

Page 13 of 14

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| For Lab Use ተርዕር በ ተርሶ ተረጉ በ | Sample Name or | Location | Date | Time | GROUNDWATER | SURFACEWATER | PRODUCEDWATER | SOIL | DRINKING WATER | ULTEN . | HNO | -Ci | H ₂ SO. | Other: Other: | 1. P. H Su | RTEX 5 | Chloride | MAINE CA | | Q KCKA | | | |
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 † GAL cannot always accept verbal changes. Please fax or email written change requests.

 Released to Imaging: 7/3/2025 10:33:21 AM
 • Chain of Custody must be signed in "Reliquished By:" as an acceptance of services and all applicable charges.



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





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. 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759

ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com



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•

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Sample Summary

| | | Sampic Sum | mai y | | |
|--|---------------|--|--|----------|------------------------------------|
| TNT Environmental PO Box 2530 Farmington NM, 87499 | | Project Name: Project Number: Project Manager: | TNT Landfarm 17009-C-0001 Clay Green | | Reported: 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. |



| | S | Sample D | ata | | | | | | | | | | |
|--|---|-------------------------------------|------------------------------------|----------------|----------|---|----------------|--|--|--|--|--|--|
| TNT Environmental PO Box 2530 Farmington NM, 87499 | Project Nam Project Nun Project Man | ne: TNT nber: 170 nager: Clay | Г Landfarm 09-С-0001 у Green | 1 | | Reported: 7/27/2023 1:30:01PM | | | | | | | |
| | Cell 3 Vadose | | | | | | | | | | | | |
| Г | | E307095-01 | | | | | | | | | | | |
| Analyte | Result | Reporting Limit | ; Dil | ution | Prepared | Analyzed | Notes | | | | | | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | 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 | | | | | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | 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 | | | | | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | 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 | | | | | | | |

| | | | | | | 1 480 17 |
|--|---|-----------------------------------|------------------------------------|------------|---|----------------|
| | S | Sample D | ata | | | |
| TNT Environmental PO Box 2530 Farmington NM, 87499 | Project Nam Project Num Project Man | ne: TN nber: 170 ager: Clay | Γ Landfarm 09-C-0001 y Green | | Reported: 7/27/2023 1:30:01PM | |
| | | Cell 4 Vadose | • | | | |
| | | E307095-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | n Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Ana | alyst: 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 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Ana | alyst: 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 | |

| Surrogate: Toluene-d8 | | 100 % | 70-130 | | 07/20/23 | 07/21/23 | |
|--|-------|-------|--------|-------------|----------|----------|----------------|
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | 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 | |

| Page 180 of 375 |
|-----------------|
| |

| Sample Data | | | | | | | | | |
|--|--------------|------------|----------------|----------|----------------|----------|---------------------|--|--|
| TNT Environmental | Project Nam | e: TNT | TNT Landfarm | | | | | | |
| PO Box 2530 | Project Num | ber: 1700 | : 17009-C-0001 | | | | Reported: | | |
| Farmington NM, 87499 | Project Mana | ager: Clay | Green | | | | 7/27/2023 1:30:01PM | | |
| Cell 5 Vadose | | | | | | | | | |
| | | E307095-03 | | | | | | | |
| | | Reporting | | | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes | | |
| Volatile Organic Compounds by EPA 8260B | 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 | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | 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 | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | 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 | | | |
| Received by OCD: 6/3/2025 12:14:58 PM | | | | | | Page 181 of |
|--|---|-------------------------------------|------------------------------------|----------|---|--------------------|
| | S | Sample D | ata | | | |
| TNT Environmental PO Box 2530 Farmington NM, 87499 | Project Nam Project Num Project Man | ne: TNT nber: 170 nager: Clay | Г Landfarm 09-С-0001 у Green | | Reported: 7/27/2023 1:30:01PM | |
| | | Cell 6 Vadose | ; | | | |
| | | E307095-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Anal | yst: 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 | |
| o,m-Xylene | ND | 0.0500 | 1 | 07/20/23 | 07/21/23 | |
| Fotal 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 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Anal | yst: 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 | |
|--|-------|-------|-------------|---|----------|----------|----------------|
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | 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 Project Num Project Mana | e: TNT ber: 1700 ager: Clay | TNT Landfarm : 17009-C-0001 r: Clay Green | | | | Reported: 7/27/2023 1:30:01PM | | | |
| Cell 7 Vadose | | | | | | | | | | |
| Г | | E307095-05 | | | | | | | | |
| Analyte | Result | Reporting Limit | Di | lution | Prepared | Analyzed | Notes | | | |
| Volatile Organic Compounds by EPA 8260B | 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 | | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | 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 | | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: | ЛL | | 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 | | | | |

TNT Environmental

Farmington NM, 87499

PO Box 2530

| | | Page 183 of 375 |
|------------------|--------------|---------------------|
| Samp | ole Data | |
| Project Name: | TNT Landfarm | |
| Project Number: | 17009-C-0001 | Reported: |
| Project Manager: | Clay Green | 7/27/2023 1:30:01PM |

| | | Cell 10 Vados | e | | | | | | | |
|--|--------|---------------|--------|--------------|----------|----------|----------------|--|--|--|
| E307095-06 | | | | | | | | | | |
| Reporting | | | | | | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes | | | |
| Volatile Organic Compounds by EPA 8260B | 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 | | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | 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 | | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | 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 | | | | |

| Page 184 of 37 : | 5 |
|-------------------------|---|
|-------------------------|---|

| Sample Data | | | | | | | | |
|--|--|-----------------------------------|------------------------------------|----------|----------|---|----------------|--|
| TNT Environmental PO Box 2530 Farmington NM, 87499 | Project Nam Project Num Project Mana | e: TNT ber: 1700 ager: Clay | F Landfarr 09-C-0001 7 Green | n | | Reported: 7/27/2023 1:30:01PM | | |
| | (| Cell 12 Vadoso | e | | | | | |
| | | E307095-07 | | | | | | |
| Analyte | Result | Reporting Limit | Di | lution | Prepared | Analyzed | Notes | |
| | 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 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | 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 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | л | | 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 | | |

| | | imple D | uu | | | | |
|--|---------------|---------------|--------------|---------|----------|-----------|---------------------|
| TNT Environmental | Project Name: | TNT | TNT Landfarm | | | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-C-0001 | | | Reported: | |
| Farmington NM, 87499 | Project Manag | er: Clay | Green | | | | 7/27/2023 1:30:01PM |
| | С | ell 11 Vadose | e | | | | |
| | | E307095-08 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | 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 | |
| Nonhalogenated Organics by EPA 8015D - GRO | 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 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | 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 Nam Project Num Project Man | ame: TNT Landfarm umber: 17009-C-0001 | | | | | Reported: 7/27/2023 1:30:01PM | |
| | | | , | | | | | |
| | | Cell 8 Vadose E307095-09 | • | | | | | |
| | | Reporting | | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes | |
| Volatile Organic Compounds by EPA 8260B | 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 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | 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 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | 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 | | |

Oil Range Organics (C28-C36)

Surrogate: n-Nonane

| Sample Data | | | | | | | | |
|--|---|-------------------------------------|--------------------------------|---------|---|----------------|----------------|--|
| TNT Environmental PO Box 2530 Farmington NM, 87499 | Project Nam Project Num Project Man | ne: TNT nber: 1700 ager: Clay | Landfarr)9-C-0001 Green | | Reported: 7/27/2023 1:30:01PM | | | |
| | | Cell 9 Vadose | | | | | | |
| | | E307095-10 | | | | | | |
| | | Reporting | | | | | | |
| Analyte | Result | Limit | Di | lution | Prepared | Analyzed | Notes | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | 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 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | 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 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst | : JL | | Batch: 2330034 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | 1 | 07/25/23 | 07/27/23 | | |

50.0

115 %

1

50-200

07/25/23

07/25/23

07/27/23

07/27/23

ND

Oil Range Organics (C28-C36)

Surrogate: n-Nonane

| Sample Data TNT Environmental PO Box 2530 Project Name: Project Number: TNT Landfarm. TO09-C-0001 Reported: Farmington NM, 87499 Project Nameer: Clay Green 7/27/2023 1:30:01PM Cell 13 Valose E307095-11 Cell 13 Valose E307095-11 Analyte Reporting Analyte Reporting Analyte Nereared Analyst: RS Batch: 2329067 Startene ND 0.0250 1 07/21/23 ND 0.0250 1 07/21/23 ND 0.0250 | | | | | | | | | | |
|---|---|--------------------------------------|------------------------------------|---------|----------|----------|---|--|--|--|
| TNT Environmental PO Box 2530 Farmington NM, 87499 | Project Nan Project Nun Project Man | ne: TNT nber: 1700 nager: Clay | T Landfarm 09-C-0001 7 Green | L | | | Reported: 7/27/2023 1:30:01PM | | | |
| | | Cell 13 Vados | e | | | | | | | |
| | | E307095-11 | | | | | | | | |
| | | Reporting | | | | | | | | |
| Analyte | Result | Limit | Dil | ution | Prepared | Analyzed | Notes | | | |
| Volatile Organic Compounds by EPA 8260B | 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 | | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | 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 | | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | 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 | | | | |

112 %

07/25/23

50-200

07/27/23

TNT Environmental PO Box 2530

Farmington NM, 87499

| | | Page 189 |
|------------------|--------------|---------------------|
| Samp | le Data | |
| Project Name: | TNT Landfarm | |
| Project Number: | 17009-C-0001 | Reported: |
| Project Manager: | Clay Green | 7/27/2023 1:30:01PM |
| Cell 14 | Vadose | |
| E3070 | 95-12 | |
| R | eporting | |

| | | Reporting | | | | | |
|--|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte | Result | Limit | Di | lution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | 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 | |
| Nonhalogenated Organics by EPA 8015D - GRO | 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 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | 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 | |



| | S | Sample D | ata | | | |
|--|--------------|---------------|-----------|--------------|----------|---------------------|
| TNT Environmental | Project Name | e: TNI | Landfarm | | | |
| PO Box 2530 | Project Num | ber: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | ager: Clay | Green | | | 7/27/2023 1:30:01PM |
| | | Cell 1 Vadose | | | | |
| | | E307095-13 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilut | ion Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | A | 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 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | A | 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 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | A | 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 | |



| Page 1 | 91 o | f 375 |
|--------|------|-------|
|--------|------|-------|

| | S | Sample D | ata | | | | |
|--|---|------------------------------------|------------------------------------|----------|----------|----------|---|
| TNT Environmental PO Box 2530 Farmington NM, 87499 | Project Nam Project Num Project Man | e: TNT iber: 1700 ager: Clay | Г Landfarn 09-С-0001 7 Green | 1 | | | Reported: 7/27/2023 1:30:01PM |
| | | Cell 2 Vadose | : | | | | |
| [| | E307095-14 | | | | | |
| Analyte | Result | Reporting Limit | Dil | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | 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 | |
| Nonhalogenated Organics by EPA 8015D - GRO | 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 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | 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 | | Project Name: | T | NT Landfarm | | | | | Reported: |
| PO Box 2530 | | Project Number: | 17 | 7009-C-0001 | | | | | Reporteut |
| Farmington NM, 87499 | | Project Manager: | C | lay Green | | | | 7 | 7/27/2023 1:30:01PM |
| | | Volatile Organic | Analyst RKS | | | | | | |
| | | Poporting | Spike | Source | | Pag | | | - |
| Analyte | Result | Limit | Level | Result | Rec | Limits | RPD | Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2329067-BLK1) | | | | | | | Prepared: 0 | 7/20/23 An | alvzed: 07/21/23 |
| Benzene | ND | 0.0250 | | | | | Tieparearo | //20/20 Th | alj20al 07/21/20 |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Foluene | ND | 0.0250 | | | | | | | |
| | ND | 0.0250 | | | | | | | |
| m Vulene | ND | 0.0230 | | | | | | | |
| Fotal Xylenes | ND | 0.0250 | | | | | | | |
| | 0.520 | 0.0250 | 0.500 | | 106 | 70 130 | | | |
| Surrogate: Bromofluorobenzene | 0.530 | | 0.500 | | 100 | 70-130 | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.495 | | 0.500 | | 99.0 | 70-130 | | | |
| 'urrogate: Toluene-d8 | 0.505 | | 0.500 | | 101 | 70-130 | | | |
| LCS (2329067-BS1) | | | | | | | Prepared: 0 | 7/20/23 An | alyzed: 07/21/23 |
| enzene | 2.40 | 0.0250 | 2.50 | | 95.9 | 70-130 | | | |
| thylbenzene | 2.33 | 0.0250 | 2.50 | | 93.4 | 70-130 | | | |
| oluene | 2.28 | 0.0250 | 2.50 | | 91.0 | 70-130 | | | |
| -Xylene | 2.30 | 0.0250 | 2.50 | | 92.2 | 70-130 | | | |
| ,m-Xylene | 4.54 | 0.0500 | 5.00 | | 90.9 | 70-130 | | | |
| otal Xylenes | 6.85 | 0.0250 | 7.50 | | 91.3 | 70-130 | | | |
| urrogate: Bromofluorobenzene | 0.511 | | 0.500 | | 102 | 70-130 | | | |
| urrogate: 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: I | E 307095 - | 05 | Prepared: 07/20/22 | | alyzed: 07/21/23 |
| Benzene | 2.64 | 0.0250 | 2.50 | ND | 106 | 48-131 | | | |
| thylbenzene | 2.62 | 0.0250 | 2.50 | ND | 105 | 45-135 | | | |
| oluene | 2.56 | 0.0250 | 2.50 | ND | 102 | 48-130 | | | |
| -Xylene | 2.61 | 0.0250 | 2.50 | ND | 104 | 43-135 | | | |
| ,m-Xylene | 5.12 | 0.0500 | 5.00 | ND | 102 | 43-135 | | | |
| Total Xylenes | 7.74 | 0.0250 | 7.50 | ND | 103 | 43-135 | | | |
| urrogate: Bromofluorobenzene | 0.517 | | 0.500 | | 103 | 70-130 | | | |
| urrogate: 1,2-Dichloroethane-d4 | 0.491 | | 0.500 | | 98.1 | 70-130 | | | |
| urrogate: Toluene-d8 | 0.497 | | 0.500 | | 99.4 | 70-130 | | | |
| Matrix Spike Dup (2329067-MSD1) | | | | Source: I | E 307095 - | 05 | Prepared: 0 | 7/20/23 An | alyzed: 07/21/23 |
| Benzene | 2.38 | 0.0250 | 2.50 | ND | 95.2 | 48-131 | 10.4 | 23 | |
| thylbenzene | 2.32 | 0.0250 | 2.50 | ND | 93.0 | 45-135 | 12.0 | 27 | |
| oluene | 2.28 | 0.0250 | 2.50 | ND | 91.2 | 48-130 | 11.6 | 24 | |
| -Xylene | 2.37 | 0.0250 | 2.50 | ND | 94.6 | 43-135 | 9.89 | 27 | |
| o,m-Xylene | 4.62 | 0.0500 | 5.00 | ND | 92.5 | 43-135 | 10.3 | 27 | |
| lotal 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 | | | |
| Sumogato: Toluono do | 0.407 | | 0 500 | | 99.4 | 70-130 | | | |
| surrogaie: 10iuene-as | 0.49/ | | 0.500 | | 77.4 | /0-150 | | | |



QC Summary Data

| | | | | | - | | | | |
|--|--------|--|----------------|--|--------------------|---------------|-------------|--------------|---|
| TNT Environmental PO Box 2530 Farmington NM, 87499 | | Project Name: Project Number: Project Manager: | T 1' C | NT Landfarm 7009-C-0001 Ilay Green | | | | | Reported: 7/27/2023 1:30:01PM |
| | No | onhalogenated O | rganics | by EPA 801 | 5D - Gl | RO | | | Analyst: RKS |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | t |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| 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: I | E 307095- (| 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: I | E307095-0 | 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

| | | QC D | u 111111 | ary Data | • | | | | |
|----------------------------------|--------|----------------------------------|----------------|-----------------------------|----------|---------------|-------------|-------------|---------------------|
| TNT Environmental PO Box 2530 | | Project Name: Project Number: | ר 1 | TNT Landfarm 7009-C-0001 | | | | | Reported: |
| Farmington NM, 87499 | | Project Manager: | (| Clay Green | | | | | 7/27/2023 1:30:01PM |
| | Nonha | alogenated Org | anics by | v EPA 8015D | - DRO | /ORO | | | Analyst: JL |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limi | t |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2330034-BLK1) | | | | | | | Prepared: 0 | 7/25/23 | 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: 0 | 7/25/23 | 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: F | E307095- | 07 | Prepared: 0 | 7/25/23 | 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: F | E307095- | 07 | Prepared: 0 | 7/25/23 | Analyzed: 07/26/23 |
| Diesel Range Organics (C10-C28) | 279 | 25.0 | 250 | ND | 111 | 38-132 | 7.76 | 20 | |
| Surrogate: n-Nonane | 517 | | 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.



| | 2 • | | |
|----------------------|------------------|--------------|----------------|
| 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 |
|---------|-------------|
|---------|-------------|

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Page _____ of

ceived by OCD: 6/3/2025 12:14:58 PM

| Project: Project Manage Address: City, State, Zip Phone: Email: Report due by | ger: | udfor | | | 12 - La | BIII IO | 11 | 5.7 | | | ab U | se Or | ly | <u> </u> | | | | TA | NT . | EPA | Program |
|---|------------------------|----------------|-------------|-----------------|---|---|--------------------|------------------|------------|-----------|---------|--------|------------|-----------------------|-------------------|----------|---------|------------|--------------------|-----------------|----------------|
| Address: City, State, Zip Phone: Email: Report due by | | Ina 1 | m | | | Attention: <u>INTERVIS</u> | mental | Lab | WO | | 35 | Job | Nun | nber | mal | 1D | 2D | 3D | Standar | CWA | SDWA |
| City, State, Zip Phone: Email: //ac Report due by | | vaj (| 5 60 | 7.1 | | City, State, Zip | | 128 | 20 | 19 | i (P) ž | Analy | VSIS a | | U ethod | | | | <u></u> | ার: | |
| Phone: Email: <u>(a.</u> Report due by |)(| | | | | Phone: | | | Τ | Τ | Τ | | | T | | | | | | | |
| Report due by | | taa | 00. | | | Email: | | 015 | 015 | | | | | | | | | | | State | |
| hepoil due by | | 1.00 | 1 K | Shan | | | | by 8 | by 8 | 51 | 60 | 9 | 0.00 | | | | | | NM C | | : TX |
| Time | | | No. of | | <u> </u> | | Lab |) NG | /DRO | (by 8 | by 8. | als 60 | ride 3 | | | | | | | | |
| Sampled | Sampleo | Matrix | Containe | sample i | | | Number | D80 | GRO | BTE) | ş | Met | ਉ | | | | | | | Remark | 5 |
| 9:30 7: | 2083 | 5 | / | C | <u>ell 3</u> | Vadose | | X | X | X | | | | | | | | | 6 | In Ic | e |
| 9:39 | | | | Ce | 114 | Vadose | 2 | | | | | | | | | | | | | 1 | |
| 9:48 | | | | Cel | 15 | Vabose | 3 | $\left[\right]$ | \prod | | | | | | | | | | | | |
| 9:59 | | Τ | | Cel | 16 | Jadose | L | \square | \prod | IT | | | | | | | | | | | |
| 10:08 | | | | Cel | 17 | Vabose | 6 | | | | | | | | | | | | | | |
| 10:20 | | | | Cel | ('/10 (| latose | Lø | Π | 11 | \square | | | | | | | | | | | |
| 10:33 | | | | Cel | 112 | Vabase | 7 | | 11 | 17 | | | | | | | | | | | |
| 10:41 | | | | Cel | | Vabose | 8 | | | - | | | | | | | | | | | |
| 10:58 | | | | Cell | 8 (| ladose | Ŷ | | | | | | | | | | | | | | |
| 11:07 | | | | Cel | 191 | Incose | 6 | | | | | | | | | | | | | | |
| Additional Ins | struction | s: | L | | | | | <u> </u> | | 4 | 1 | I | | LI | | I | | | | | |
| L (field sampler), at | ttest to the v | validity and | authentic | ity of this cam | nie i am aware | that tampering with or intentionally mislabel | ing the comple lo | cation | | | | Sample | s recui | ring the | rmal pre | cervatio | 00 00 | t he roce | alved on ice the d | | |
| date or time of coll | ection is con | nsidered fra | ud and m | ay be grounds | for legal action. | Sampled by: | m to | en | 1 | | | packed | In ice a | st an avg | ; temp a | bove 0 | but les | s than 6 ' | °C on subsequent | days. | ed of received |
| Relinquished by: | (Signature) |) | Da | 22023 | Time 1338 | Received by: Aster Mar | - Zzol | 23 | Time 13 | :4 | 0 | Rece | ived | onic | -A1 | A | b Us | e Onl | y 👘 | | |
| Relinquished by: | (Signature) |) | Da | te | Time | Received by: (Signature) | Date | | Time | | - | T1 | | | | | | | | | |
| Relinquished by: | (Signature) | •) | Da | te | Time | Received by: (Signature) | Date | | Time | | | AVIC | T . | | 4 | | | | | | |
| Sample Matrix: 5 - ! | Soil, Sd - Soli | lid, Sg - Slud | ige, A - Aq | ueous, O - Oth | ner | | Container | Туре | : g - 1 | glass. | D - D | | astic. | <u>ت np</u> ag - a | mber | glass | | VOA | | | |
| Note: Samples ar | re discarde | d 30 days | after res | ults are repor | rted unless oth | er arrangements are made. Hazardous | samples will be | retur | ned to | o clien | t or di | ispose | d of a | t the c | lient e | expense | se. T | he rep | ort for the an | alysis of the a | bove |
| samples is applic | able only to | o those sa | mples re | ceived by the | e laboratory wi | th this COC. The liability of the laborator | y is limited to th | ne am | ount | paid fo | or on t | he rep | port. | | · | | | ···· | | | |
| | | | | | | | | | | | | く | | \frown | | | | . | | | – L |
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Released to Imaging: 7/3/2025 10:33:21 AM

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Received by OCD: 6/3/2025 12:14:58 PM

| Client: | TAT | En | . rona | and | | | (Ž. gar) | | Bill To | | Ne se | 14. 2 | Li | ab Us | e On | Ì¥2∈ | u, Kai | | ····. | - | TAT | | EPA P | rogram |
|-----------------|-------------------------|-----------------------|-------------------------|----------------------|--------------|--------------|-------------|-----------------------------|--|----------------|-----------------|--------|--------|----------------|-------------------|--------------------|---------------------------------------|----------------------|------------|-------------------------|--------------------|--------------------------------------|---------------------|-----------------|
| Project: | 'TNT | L | ndCor | ~ | | - | | Attention: | Environne | Jel | Lab WO# Job Num | | | Vum | ber | <u> </u> | D 2 |) 3D | S | tandard | CWA | SDWA | | |
| Project N | <u> Aanager:</u> | C | <u>log G</u> | 1121 | <u> </u> | | | Address: | | | | 30 | 104 | 0 | 170 | PO | -6-0 | | | | | X | | |
| Address | | _ | | | | | | City, State, Zip | | | | | | | Analy | sis a | nd Met | thod | | | _ | | | RCRA |
| City, Stat | te, Zip | | | | | | | Phone: | | | | | | | | | | | | | | | | |
| Phone: | | 11 | () 00 0 | 0.01 | | - | 4 | Email: | ······································ | | 510 | 5 | | | | | | | | | | | State | _ |
| Email: | (Je zo | Wal | sheig | ines | - | - | | | | | 5A 8 | 5 8 | ភ | 8 | 0 | 0.0 | | | | | | NM CO | UT AZ | ТХ |
| <u>Report d</u> | ue by: | $\overline{\nabla c}$ | een | <u></u> | wna | . | | | · | | SRO RO | NO. | × 8 | / 82(| 601 | Je 3(| | | | | | X | | |
| Time Sampled | Date Samp | led | Matrix | No. of Containe | m Sam | ple ID | | | | Lab Nümber | DRO/C | GRO/D | BTEX b | voc b | Metals | Chloric | | | | | | | Remarks | |
| 11:20 | 7-20-2 | .3 | S | l | C | ell | 13 | Vacose | ······································ | | × | X | x | | | | | | | | | On | See | |
| 11:30 | | | | | L | ell | 14 | Vadose | | 12 | | | | | | | | | | | | | 1 | |
| 11:44 | | | | | C | ell | 1 | Vadose | | 3 | | | | | | | | | | | | | | |
| 11:52 | | | | | C | ell | 2 | Vadose | | 凶 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
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| Addition | al Instru | tions | ;; | | | | | | | | | | | | | | | | • | • | | | | |
| I, (field sam | pler), attest | o the v | alidity and sidered fra | authenti ud and m | city of this | s sample. I | am aware | that tampering with or inte | ntionally mislabelling | the sample loo | ation | , | | | Sample: packed | requir In ice a | ing therm t an avg t | nal prese emp abi | rvation i | nust be ri less than | eceived 6 °C on | on ice the day th subsequent day: | ey are sample s. | d or received |
| Relinquish | od by: (Sig | ature) | / | Da | | | 1e 7 7 0 | Received by://signa | turat | Date / | | Time | •/ | \overline{n} | | ্যুন্নয | | | Lab | Jse Oi | nly | | | |
| | my /- | 2 | | | 1 10.0 | r 1 | <u> 50</u> | Jun | V Han | 11012 | :5 | 10 | ×J | U | Rece | ived | onlice | * <i>(</i> . | <u>الا</u> | Ň | | | | |
| Relinquish | ed/by: (Sigr | ature) | | Da | ite | Tim | 16 | Received by: (Signa | ture) | Date | | Time | | | T1 | | | т | | | | 13 | | |
| Relinquish | ed by: (Sigr | ature) | | Da | ite | Tirr | 16 | Received by: (Signa | ture) | Date | | Time | | | ÁVG | Tem | n°C | 4 | | | | | | |
| Sample Mat | rix: 5 - Soil, S | d - Soli | d, Sg - Slud | ge, A - Au | queous, O | - Other | | I | | Container | Type | :g-g | lass. | D - DC | ly/ola | stic | ag - an | nber 4 | lass. | - VOA | | | | <u>alini (A</u> |
| Note: Sam | ples are dis | carded | 30 days | after res | ults are r | reported u | unless oth | er arrangements are ma | de. Hazardous sam | ples will be | returi | ned to | clien | t or di | spose | l of a | t the cli | ent ex | pense. | The re | eport | for the analys | is of the at | ove |
| | | | | | | , | | and a second the noomery | 5. the laboratory 15 | | c ann | une p | | | ne rep | | · · · · · · · · · · · · · · · · · · · | | | | | | | |

Centrol dispose of at the client expense. The report for the analysis of the above

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| enem. | TNT Environmental D | ate Received: | 07/20/23 13 | :40 | | Work Order ID: | E307095 |
|----------------------|---|----------------------------|-------------|-----------------|------------|----------------|---------------|
| Phone: | (505) 860-6215 D | ate Logged In: | 07/20/23 13 | :44 | | Logged In By: | Caitlin Mars |
| Email: | clay@walsheng.net D | ue Date: | 07/27/23 17 | :00 (5 day TAT) | | | |
| <u>Chain o</u> | f 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: C | Clay Green | | |
| 4. Was tl | ne COC complete, i.e., signatures, dates/times, requested | l analyses? | Yes | | | | |
| 5. Were | all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion. | e field, | Yes | | | Commen | ts/Resolution |
| <u>Sample</u> | <u>Turn Around Time (TAT)</u> | | | | | | |
| 6. Did th | e 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 tl | he sample(s) received intact, i.e., not broken? | | Yes | | | | |
| 10. Were | custody/security seals present? | | No | | | | |
| 11. If ye | s, were custody/security seals intact? | | NA | | | | |
| 12. Was t | he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re minutes of campling | ., 6°±2°C ceived w/i 15 | Yes | | | | |
| 13. If no | visible ice, record the temperature. Actual sample ter | nperature: 4° | Ċ | | | | |
| Sampla | Container | | <u> </u> | | | | |
| 14 Ares | aqueous VOC samples present? | | No | | | | |
| 15. Are ' | VOC samples collected in VOA Vials? | | NA | | | | |
| 16. Is the | e 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 1 | non-VOC samples collected in the correct containers? | | Yes | | | | |
| 19. Is the | appropriate volume/weight or number of sample containers | s collected? | Yes | | | | |
| Field La | hel | | | | | | |
| 20. Were | : field sample labels filled out with the minimum inform | ation: | | | | | |
| 5 | Sample ID? | | Yes | | | | |
|] | Date/Time Collected? | | No | | | | |
| (| Collectors name? | | No | | | | |
| <u>Sample</u> | Preservation | | | | | | |
| 21. Does | the COC or field labels indicate the samples were press | erved? | No | | | | |
| 22. Are s | sample(s) correctly preserved? | 1.0 | NA | | | | |
| 24. Is lat | o filteration required and/or requested for dissolved meta | ais? | No | | | | |
| Multiph | ase Sample Matrix | | | | | | |
| 26. Does | the sample have more than one phase, i.e., multiphase? | | No | | | | |
| 27. If ye | s, does the COC specify which phase(s) is to be analyze | d? | NA | | | | |
| | | | | | | | |
| <u>Subcont</u> | <u>ract Laboratory</u> | | | | | | |
| Subcont 28. Are s | ract Laboratory_ samples required to get sent to a subcontract laboratory? | | No | | | | |

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



envirotech Inc.

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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

Work Order: E309193

Job Number: 17009-C-0001

Received: 9/26/2023

Revision: 2

Report Reviewed By:

Walter Hinchman Laboratory Director 10/5/23

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: 10/5/23

Clay Green PO Box 2530 Farmington, NM 87499

Project Name: TNT Landfarm Workorder: E309193 Date Received: 9/26/2023 1:25:00PM

Clay Green,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/26/2023 1:25:00PM, 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe Technical Representative/Client Services Office: 505-421-LABS(5227) Cell: 505-320-4759

ljarboe@envirotech-inc.com

Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

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

Envirotech Web Address: www.envirotech-inc.com



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Sample Summarv

| | | Sampic Sum | mai y | | |
|--|---------------|--|--|----------|------------------------------------|
| TNT Environmental PO Box 2530 Farmington NM, 87499 | | Project Name: Project Number: Project Manager: | TNT Landfarm 17009-C-0001 Clay Green | | Reported: 10/05/23 10:56 |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| Cell 1 Vadose | E309193-01A | Soil | 09/26/23 | 09/26/23 | Glass Jar, 4 oz. |
| Cell 2 Vadose | E309193-02A | Soil | 09/26/23 | 09/26/23 | Glass Jar, 4 oz. |
| Cell 3 Vadose | E309193-03A | Soil | 09/26/23 | 09/26/23 | Glass Jar, 4 oz. |
| Cell 4 Vadose | E309193-04A | Soil | 09/26/23 | 09/26/23 | Glass Jar, 4 oz. |
| Cell 5 Vadose | E309193-05A | Soil | 09/26/23 | 09/26/23 | Glass Jar, 4 oz. |
| Cell 6 Vadose | E309193-06A | Soil | 09/26/23 | 09/26/23 | Glass Jar, 4 oz. |
| Cell 7 Vadose | E309193-07A | Soil | 09/26/23 | 09/26/23 | Glass Jar, 4 oz. |
| Cell 8 Vadose | E309193-08A | Soil | 09/26/23 | 09/26/23 | Glass Jar, 4 oz. |
| Cell 9 Vadose | E309193-09A | Soil | 09/26/23 | 09/26/23 | Glass Jar, 4 oz. |
| Cell 10 Vadose | E309193-10A | Soil | 09/26/23 | 09/26/23 | Glass Jar, 4 oz. |
| Cell 11 Vadose | E309193-11A | Soil | 09/26/23 | 09/26/23 | Glass Jar, 4 oz. |
| Cell 12 Vadose | E309193-12A | Soil | 09/26/23 | 09/26/23 | Glass Jar, 4 oz. |
| Cell 13 Vadose | E309193-13A | Soil | 09/26/23 | 09/26/23 | Glass Jar, 4 oz. |
| Cell 14 Vadose | E309193-14A | Soil | 09/26/23 | 09/26/23 | Glass Jar, 4 oz. |



| | Di | ample Da | ala | | | |
|--|---------------|--------------|-------------|----------|----------|----------------------|
| TNT Environmental | Project Name: | TNT | Landfarm | | | |
| PO Box 2530 | Project Numbe | er: 1700 |)9-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | er: Clay | Green | | | 10/5/2023 10:56:01AM |
| | С | ell 1 Vadose | | | | |
| | | E309193-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analyst: IY | | | Batch: 2339030 |
| Benzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Toluene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| o-Xylene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/26/23 | 09/27/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 95.8 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: IY | | Batch: 2339030 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 93.3 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: KM | | Batch: 2339020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/26/23 | 09/26/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/26/23 | 09/26/23 | |
| Surrogate: n-Nonane | | 106 % | 50-200 | 09/26/23 | 09/26/23 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Analys | t: JL | | Batch: 2339057 |
| Arsenic | ND | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Barium | 83.6 | 6.25 | 1 | 09/28/23 | 10/03/23 | |
| Cadmium | 0.915 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Chromium | 14.2 | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Calcium | 2350 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Lead | 2.96 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Iron | 12100 | 50.0 | 1 | 09/28/23 | 10/03/23 | |
| Magnesium | 3130 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Selenium | ND | 1.25 | 1 | 09/28/23 | 10/03/23 | |
| Silver | ND | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Potassium | 974 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Sodium | 220 | 50.0 | 1 | 09/28/23 | 10/03/23 | |





Sample Data

| | San | | la | | | |
|----------------------------|------------------|-----------|--------------|----------------------|----------|----------------|
| TNT Environmental | Project Name: | TNT L | andfarm | | | |
| PO Box 2530 | Project Number: | 17009- | C-0001 | Reported: | | |
| Farmington NM, 87499 | Project Manager: | Clay C | ireen | 10/5/2023 10:56:01AM | | |
| | Cell | 1 Vadose | | | | |
| | E3 | 09193-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2339033 |
| Fluoride | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Chloride | ND | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Nitrite-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Nitrate-N | 2.52 | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| o-Phosphate-P | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Sulfate | 91.0 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Total Mercury by EPA 7471B | ug/kg | ug/kg | Analyst | : JL | | Batch: 2339067 |
| Mercury | ND | 20.0 | 1 | 09/28/23 | 09/29/23 | |



| | | ampie D | ata | | | |
|--|---------------|--------------|-----------|-------------|----------|----------------------|
| TNT Environmental | Project Name: | TNT | Landfarm | | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | er: Clay | Green | | | 10/5/2023 10:56:01AM |
| <u></u> | C | ell 2 Vadose | | | | |
| | | E309193-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| | malka | malka | Analys | t. IV | - | Datah: 2220020 |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Anarys | 00/26/22 | 00/27/22 | Batch: 2559050 |
| Benzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Toluene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| o-Xylene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| p,m-Xylene | ND | 0.0500 | I | 09/26/23 | 09/27/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 94.8 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | Analyst: IY | | Batch: 2339030 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 93.3 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: KM | | Batch: 2339020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/26/23 | 09/26/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/26/23 | 09/26/23 | |
| Surrogate: n-Nonane | | 106 % | 50-200 | 09/26/23 | 09/26/23 | |
| Total Matals by FPA 6010C | mg/kg | mg/kg | Analys | st: JL | | Batch: 2339057 |
| | ND | 0.500 | | 09/28/23 | 10/03/23 | |
| Barium | 94.9 | 6.25 | 1 | 09/28/23 | 10/03/23 | |
| Cadmium | 1 51 | 0.25 | 1 | 09/28/23 | 10/03/23 | |
| Chromium | 20.5 | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Calcium | 20.0 8520 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Lead | 3 94 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Iron | 15600 | 50.0 | 1 | 09/28/23 | 10/03/23 | |
| Magnacium | 4970 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Salanium | ND | 1 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Silver | | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| | 1/60 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Polassium Calimu | 1400 | 23.0 50.0 | 1 | 09/28/23 | 10/03/23 | |
| Soaium | 158 | 50.0 | 1 | 09120123 | 10/03/23 | |



Sample Data

| | Sun | ipic Da | | | | |
|----------------------------|------------------|-----------|--------------|----------------------|-----------|----------------|
| TNT Environmental | Project Name: | TNT L | andfarm | | | |
| PO Box 2530 | Project Number: | 17009- | C-0001 | | Reported: | |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | 10/5/2023 10:56:01AM | | |
| | Cell | 2 Vadose | | | | |
| | E3(| 09193-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2339033 |
| Fluoride | 2.75 | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Chloride | 20.1 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Nitrite-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Nitrate-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| o-Phosphate-P | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Sulfate | 146 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Total Mercury by EPA 7471B | ug/kg | ug/kg | Analyst | Analyst: JL | | Batch: 2339067 |
| Mercury | ND | 20.0 | 1 | 09/28/23 | 09/29/23 | |



| | 51 | impic D | | | | |
|--|---------------|--------------|------------|------------|----------|----------------------|
| TNT Environmental | Project Name: | TNT | Γ Landfarm | | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | er: Clay | / Green | | | 10/5/2023 10:56:01AM |
| | С | ell 3 Vadose | | | | |
| | | E309193-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| V-1-41- Out-oning by EDA 9021D | ma/ka | ma/ka | Analys | t. IV | | Batch: 2339030 |
| Volatile Organics by EPA 8021B | ND | 0.0250 | 1 | 00/26/22 | 00/27/22 | Batch. 2557050 |
| Benzene | ND | 0.0250 | 1 | 09/20/23 | 09/27/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/20/23 | 09/27/23 | |
| Toluene | ND | 0.0250 | 1 | 09/20/23 | 09/27/23 | |
| o-Xylene | ND | 0.0250 | 1 | 09/20/23 | 09/27/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/26/23 | 09/27/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 95.1 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | nalyst: IY | | Batch: 2339030 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 94.0 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: KM | | Batch: 2339020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/26/23 | 09/26/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/26/23 | 09/26/23 | |
| Surrogate: n-Nonane | | 121 % | 50-200 | 09/26/23 | 09/26/23 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Analys | st: JL | | Batch: 2339057 |
| Arsenic | ND | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Barium | 86.2 | 6.25 | 1 | 09/28/23 | 10/03/23 | |
| Cadmium | 0.930 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Chromium | 13.5 | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Calcium | 6180 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Lead | 2.77 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Iron | 11100 | 50.0 | 1 | 09/28/23 | 10/03/23 | |
| Magnesium | 3370 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Selenium | ND | 1.25 | 1 | 09/28/23 | 10/03/23 | |
| Silver | ND | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Potassium | 920 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Sodium | 164 | 50.0 | 1 | 09/28/23 | 10/03/23 | |
| | | | | | | |



Sample Data

| | Dan | | | | | | |
|----------------------------|------------------|-----------|--------------|----------|----------------------|----------------|--|
| TNT Environmental | Project Name: | TNT L | andfarm | | | | |
| PO Box 2530 | Project Number: | 17009- | 17009-C-0001 | | | Reported: | |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | | 10/5/2023 10:56:01AM | | |
| | Cell | 3 Vadose | | | | | |
| | E3(| 09193-03 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2339033 | |
| Fluoride | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | | |
| Chloride | ND | 20.0 | 1 | 09/27/23 | 09/28/23 | | |
| Nitrite-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | | |
| Nitrate-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | | |
| o-Phosphate-P | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | | |
| Sulfate | 64.4 | 20.0 | 1 | 09/27/23 | 09/28/23 | | |
| Total Mercury by EPA 7471B | ug/kg | ug/kg | Analyst | : JL | | Batch: 2339067 | |
| Mercury | ND | 20.0 | 1 | 09/28/23 | 09/29/23 | | |



| | 50 | imple D | utu | | | |
|--|----------------------------|---------------------|-------------------|----------|----------------|----------------------|
| TNT Environmental | Project Name: TNT Landfarm | | | | | |
| PO Box 2530 | Project Numbe | r: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | Manager: Clay Green | | | | 10/5/2023 10:56:01AM |
| | С | ell 4 Vadose | | | | |
| |] | E309193-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| | 1100000 | Linit | Diration | Trepared | 1 11111 / 200 | 1.0005 |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: IY | | Batch: 2339030 |
| Benzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Toluene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| o-Xylene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/26/23 | 09/27/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 95.4 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: IY | | | Batch: 2339030 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 93.4 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | mg/kg Analyst: KM | | Batch: 2339020 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/26/23 | 09/26/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/26/23 | 09/26/23 | |
| Surrogate: n-Nonane | | 99.3 % | 50-200 | 09/26/23 | 09/26/23 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Analys | st: JL | | Batch: 2339057 |
| Arsenic | ND | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Barium | 172 | 6.25 | 1 | 09/28/23 | 10/03/23 | |
| Cadmium | 2.49 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Chromium | 34.8 | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Calcium | 6870 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Lead | 4.85 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Iron | 36000 | 500 | 10 | 09/28/23 | 10/03/23 | |
| Magnesium | 8340 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Selenium | ND | 1.25 | 1 | 09/28/23 | 10/03/23 | |
| Silver | ND | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Potassium | 3310 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Sodium | 523 | 50.0 | 1 | 09/28/23 | 10/03/23 | |
| | | | | | | |

Sample Data

| | Sui | ipic Du | | | | |
|----------------------------|------------------|-----------|-----------------|----------|----------------|----------------------|
| TNT Environmental | Project Name: | TNT L | andfarm | | | |
| PO Box 2530 | Project Number: | 17009- | 17009-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | | | 10/5/2023 10:56:01AM |
| | Cell | 4 Vadose | | | | |
| | E3 | 09193-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2339033 |
| Fluoride | 13.0 | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Chloride | 151 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Nitrite-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Nitrate-N | 4.69 | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| o-Phosphate-P | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Sulfate | 76.8 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Total Mercury by EPA 7471B | ug/kg | ug/kg | /kg Analyst: JL | | Batch: 2339067 | |
| Mercury | ND | 20.0 | 1 | 09/28/23 | 09/29/23 | |



| TNT Environmental | Project Name: TNT Landfa | | Landfarm | | | |
|--|--------------------------|--------------|-------------|----------|----------------|----------------------|
| PO Box 2530 | Project Numbe | er: 1700 | Reported: | | | |
| Farmington NM, 87499 | Project Manag | er: Clay | Green | | | 10/5/2023 10:56:01AM |
| | C | ell 5 Vadose | | | | |
| | | E309193-05 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | Batch: 2339030 | | | | | |
| Benzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Toluene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| o-Xylene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/26/23 | 09/27/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 96.0 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | st: IY | Batch: 2339030 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 95.1 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KM | | Batch: 2339020 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/26/23 | 09/26/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/26/23 | 09/26/23 | |
| Surrogate: n-Nonane | | 101 % | 50-200 | 09/26/23 | 09/26/23 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Analy | st: JL | | Batch: 2339057 |
| Arsenic | ND | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Barium | 78.0 | 6.25 | 1 | 09/28/23 | 10/03/23 | |
| Cadmium | 1.06 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Chromium | 15.7 | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Calcium | 2670 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Lead | 3.28 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Iron | 12900 | 50.0 | 1 | 09/28/23 | 10/03/23 | |
| Magnesium | 3580 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Selenium | ND | 1.25 | 1 | 09/28/23 | 10/03/23 | |
| Silver | ND | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Potassium | 1120 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Sodium | 131 | 50.0 | 1 | 09/28/23 | 10/03/23 | |
| | | | | | | |



Sample Data

| | Dan | | | | | |
|----------------------------|------------------|-----------|-------------------|----------|----------------|----------------------|
| TNT Environmental | Project Name: | TNT L | andfarm | | | |
| PO Box 2530 | Project Number: | 17009- | 17009-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | | | 10/5/2023 10:56:01AM |
| | Cell | 5 Vadose | | | | |
| | E3(| 09193-05 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2339033 |
| Fluoride | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Chloride | 25.0 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Nitrite-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Nitrate-N | 7.47 | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| o-Phosphate-P | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Sulfate | ND | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Total Mercury by EPA 7471B | ug/kg | ug/kg | ıg/kg Analyst: JL | | Batch: 2339067 | |
| Mercury | ND | 20.0 | 1 | 09/28/23 | 09/29/23 | |



| TNT Environmental | Project Name | TN1 | Landfarm | | | |
|--|--------------------|---------------|-------------|----------|----------------|----------------------|
| PO Box 2530 | Project Number: 17 | | 09-C-0001 | | Reported: | |
| Farmington NM, 87499 | Project Mana | iger: Clay | Green | | | 10/5/2023 10:56:01AM |
| | | Cell 6 Vadose | | | | |
| | | E309193-06 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| V-1-41- Ownerster by EDA 9021D | ma/ka | ma/ka | Analys | at: IV | | Batch: 2339030 |
| Volatile Organics by EPA 8021B | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | Baten: 2557050 |
| Educthermone | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Einyidenzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| - X-land | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| o-Xylene | ND | 0.0230 | 1 | 09/26/23 | 09/27/23 | |
| p,m-Xylene | ND | 0.0300 | 1 | 09/26/23 | 09/27/23 | |
| Iotal Xylenes | ND | 0.0230 | 1 | 09/20/23 | 09/2//25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 95.4 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: IY | | | Batch: 2339030 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.0 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KM | | Batch: 2339020 | |
| Diesel Range Organics (C10-C28) | 33.2 | 25.0 | 1 | 09/26/23 | 09/26/23 | T17 |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/26/23 | 09/26/23 | |
| Surrogate: n-Nonane | | 108 % | 50-200 | 09/26/23 | 09/26/23 | |
| Total Metals by FPA 6010C | mg/kg | mg/kg | Analys | st: JL | | Batch: 2339057 |
| Arsenic | ND | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Barium | 128 | 6.25 | 1 | 09/28/23 | 10/03/23 | |
| Cadmium | 1.78 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Chromium | 24.1 | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Calcium | 11000 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Lead | 4.31 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Iron | 26500 | 500 | 10 | 09/28/23 | 10/03/23 | |
| Magnesium | 5990 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Selenium | ND | 1.25 | 1 | 09/28/23 | 10/03/23 | |
| Silver | ND | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Potassium | 1770 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Sodium | 196 | 50.0 | 1 | 09/28/23 | 10/03/23 | |
| | | | | | | |



Sample Data

| | San | ipic Da | la | | | |
|----------------------------|------------------|-----------|--------------|----------|----------------|----------------------|
| TNT Environmental | Project Name: | TNT L | andfarm | | | |
| PO Box 2530 | Project Number: | 17009- | 17009-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | | | 10/5/2023 10:56:01AM |
| | Cell | 6 Vadose | | | | |
| | E3 | 09193-06 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2339033 |
| Fluoride | 3.54 | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Chloride | 26.0 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Nitrite-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Nitrate-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| o-Phosphate-P | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Sulfate | 193 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Total Mercury by EPA 7471B | ug/kg | ug/kg | Analyst: JL | | Batch: 2339067 | |
| Mercury | ND | 20.0 | 1 | 09/28/23 | 09/29/23 | |



| | | | FT 10 | | | | |
|--|---|--------------------|-------------|----------|----------------|----------------------|--|
| INI Environmental | Project Name: INT Land | | Landfarm | | | Depented | |
| PO Box 2550 | Project Numbe | mber: 1/009-C-0001 | | | | Keported: | |
| Farmington NM, 87499 | Project Manag | er. Clay | Green | | | 10/5/2025 10:50:01AW | |
| | С | ell 7 Vadose | : | | | | |
| | | E309193-07 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | |
| Volatile Organics by EPA 8021B | olatile Organics by EPA 8021B mg/kg mg/kg Analyst: IY | | | | | | |
| Benzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | | |
| Toluene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | | |
| o-Xylene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/26/23 | 09/27/23 | | |
| Total Xylenes | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | | |
| Surrogate: 4-Bromochlorobenzene-PID | | 96.6 % | 70-130 | 09/26/23 | 09/27/23 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: IY | Batch: 2339030 | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/26/23 | 09/27/23 | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 94.4 % | 70-130 | 09/26/23 | 09/27/23 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analyst: KM | | Batch: 2339020 | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/26/23 | 09/26/23 | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/26/23 | 09/26/23 | | |
| Surrogate: n-Nonane | | 105 % | 50-200 | 09/26/23 | 09/26/23 | | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Analys | st: JL | | Batch: 2339057 | |
| Arsenic | ND | 0.500 | 1 | 09/28/23 | 10/03/23 | | |
| Barium | 87.4 | 6.25 | 1 | 09/28/23 | 10/03/23 | | |
| Cadmium | 1.13 | 0.250 | 1 | 09/28/23 | 10/03/23 | | |
| Chromium | 17.7 | 0.500 | 1 | 09/28/23 | 10/03/23 | | |
| Calcium | 4580 | 25.0 | 1 | 09/28/23 | 10/03/23 | | |
| Lead | 3.36 | 0.250 | 1 | 09/28/23 | 10/03/23 | | |
| Iron | 13500 | 50.0 | 1 | 09/28/23 | 10/03/23 | | |
| Magnesium | 4200 | 25.0 | 1 | 09/28/23 | 10/03/23 | | |
| Selenium | ND | 1.25 | 1 | 09/28/23 | 10/03/23 | | |
| Silver | ND | 0.250 | 1 | 09/28/23 | 10/03/23 | | |
| Potassium | 1470 | 25.0 | 1 | 09/28/23 | 10/03/23 | | |
| Sodium | 179 | 50.0 | 1 | 09/28/23 | 10/03/23 | | |
| | | | | | | | |


Sample Data

| | Sun | ipic Da | | | | |
|----------------------------|------------------|-----------|--------------|----------|----------|----------------------|
| TNT Environmental | Project Name: | TNT L | TNT Landfarm | | | |
| PO Box 2530 | Project Number: | 17009- | 17009-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | | | 10/5/2023 10:56:01AM |
| | Cell | 7 Vadose | | | | |
| | E3(| 09193-07 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2339033 |
| Fluoride | 4.29 | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Chloride | 57.5 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Nitrite-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Nitrate-N | 4.06 | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| o-Phosphate-P | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Sulfate | 31.1 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Total Mercury by EPA 7471B | ug/kg | ug/kg | Analyst | : JL | | Batch: 2339067 |
| Mercury | ND | 20.0 | 1 | 09/28/23 | 09/29/23 | |



| TNT Environmental | Project Name: TNT Landfarm | | | | | |
|--|-----------------------------|---------------|-----------|----------|----------|----------------------|
| PO Box 2530 | Project Number: 170 | | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manager: Clay Green | | | | | 10/5/2023 10:56:01AM |
| | | Cell 8 Vadose | | | | |
| | | E309193-08 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: IY | | Batch: 2339030 |
| Benzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Toluene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| o-Xylene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| n.m-Xvlene | ND | 0.0500 | 1 | 09/26/23 | 09/27/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 95.9 % | 70-130 | 09/26/23 | 09/27/23 | _ |
| Nonhalogenated Organics by EPA 8015D - GRO | Batch: 2339030 | | | | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.6 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by FPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: KM | | Batch: 2339020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/26/23 | 09/27/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: n-Nonane | | 106 % | 50-200 | 09/26/23 | 09/27/23 | |
| - Total Motals by EDA 6010C | mø/kø | mø/kø | Analys | st: JL | | Batch: 2339057 |
| | ND | 0.500 | 1 | 09/28/23 | 10/03/23 | Batelii 2009007 |
| Barium | 176 | 6.25 | 1 | 09/28/23 | 10/03/23 | |
| Cadmium | 2 25 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Chromium | 30.2 | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Calcium | 8390 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Lead | 5.07 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Iron | 32100 | 500 | 10 | 09/28/23 | 10/03/23 | |
| Magnesium | 7250 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Selenium | ND | 1.25 | 1 | 09/28/23 | 10/03/23 | |
| Silver | ND | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Potassium | 2930 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Sodium | 791 | 50.0 | 1 | 09/28/23 | 10/03/23 | |
| | | | | | | |



Sample Data

| | Suit | -pre 2 a | | | | |
|----------------------------|------------------|-----------|--------------|----------|-----------|----------------------|
| TNT Environmental | Project Name: | TNT L | andfarm | | | |
| PO Box 2530 | Project Number: | 17009- | C-0001 | | Reported: | |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | | | 10/5/2023 10:56:01AM |
| | Cell | 8 Vadose | | | | |
| | E3(| 9193-08 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2339033 |
| Fluoride | 20.9 | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Chloride | 561 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Nitrite-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Nitrate-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| o-Phosphate-P | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Sulfate | 228 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Total Mercury by EPA 7471B | ug/kg | ug/kg | Analyst | ЛL | | Batch: 2339067 |
| Mercury | ND | 20.0 | 1 | 09/28/23 | 10/02/23 | |



| TNT Environmental | Project Name: TN | | Landfarm | | | |
|--|----------------------|---------------|-----------|----------|----------|----------------------|
| PO Box 2530 | Project Number: 1700 | |)9-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | ger: Clay | Green | | | 10/5/2023 10:56:01AM |
| | (| Cell 9 Vadose | | | | |
| | | E309193-09 | | | | |
| | | Poporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| | Л | 4 | A | -4. IV | | D. 1. 2220020 |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: 1 Y | 00/05/00 | Batch: 2339030 |
| Benzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Toluene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| o-Xylene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/26/23 | 09/27/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 92.7 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | Batch: 2339030 | | | | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 95.2 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: KM | | Batch: 2339020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/26/23 | 09/27/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: n-Nonane | | 99.7 % | 50-200 | 09/26/23 | 09/27/23 | |
| Total Motale by FPA 6010C | mg/kg | mg/kg | Analy | st: JL | | Batch: 2339057 |
| | ND | 0 500 | 1 | 09/28/23 | 10/03/23 | |
| Rarium | 189 | 6.25 | 1 | 09/28/23 | 10/03/23 | |
| Cadmium | 1.67 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Chromium | 23.6 | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Calcium | 6830 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Lead | 4 37 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Iron | 26100 | 500 | 10 | 09/28/23 | 10/04/23 | |
| Magnesium | 5530 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Selenium | ND | 1 25 | 1 | 09/28/23 | 10/03/23 | |
| Silver | ND | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Detectium | 2160 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| r otassium Sodium | 2100 | 23.0 50.0 | 1 | 09/28/23 | 10/03/23 | |
| Sourim | 220 | 50.0 | 1 | 07/20/23 | 10/05/25 | |



Sample Data

| | Suit | pic Du | | | | |
|----------------------------|------------------|-----------|--------------|----------|----------|----------------------|
| TNT Environmental | Project Name: | TNT L | andfarm | | | |
| PO Box 2530 | Project Number: | 17009- | C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | | | 10/5/2023 10:56:01AM |
| | Cell | 9 Vadose | | | | |
| | E3(| 9193-09 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2339033 |
| Fluoride | 3.10 | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Chloride | 146 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Nitrite-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Nitrate-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| o-Phosphate-P | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Sulfate | 26.3 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Total Mercury by EPA 7471B | ug/kg | ug/kg | Analyst | ЛL | | Batch: 2339067 |
| Mercury | ND | 20.0 | 1 | 09/28/23 | 09/29/23 | |



| | | impic D | utu | | | |
|--|----------------------------|---------------|-----------|----------|----------|----------------------|
| TNT Environmental | Project Name: TNT Landfarm | | | | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | er: Clay | Green | | | 10/5/2023 10:56:01AM |
| | C | ell 10 Vadoso | e | | | |
| | | E309193-10 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: IY | | Batch: 2339030 |
| Benzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Toluene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| o-Xylene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/26/23 | 09/27/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 94.4 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | st: IY | | Batch: 2339030 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 94.6 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: KM | | Batch: 2339020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/26/23 | 09/27/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: n-Nonane | | 103 % | 50-200 | 09/26/23 | 09/27/23 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Analy | st: JL | | Batch: 2339057 |
| Arsenic | ND | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Barium | 68.8 | 6.25 | 1 | 09/28/23 | 10/03/23 | |
| Cadmium | 0.578 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Chromium | 9.55 | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Calcium | 3460 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Lead | 2.23 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Iron | 8470 | 50.0 | 1 | 09/28/23 | 10/03/23 | |
| Magnesium | 2150 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Selenium | ND | 1.25 | 1 | 09/28/23 | 10/03/23 | |
| Silver | ND | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Potassium | 656 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Sodium | ND | 50.0 | 1 | 09/28/23 | 10/03/23 | |
| | | | | | | |



Sample Data

| | Suit | pic Du | | | | |
|----------------------------|------------------|-----------|--------------|----------|----------|----------------------|
| TNT Environmental | Project Name: | TNT L | TNT Landfarm | | | |
| PO Box 2530 | Project Number: | 17009- | 17009-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manager: | Clay G | ireen | | | 10/5/2023 10:56:01AM |
| | Cell | 10 Vadose | | | | |
| | E3(| 09193-10 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2339033 |
| Fluoride | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Chloride | 36.7 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Nitrite-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Nitrate-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| o-Phosphate-P | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Sulfate | ND | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Total Mercury by EPA 7471B | ug/kg | ug/kg | Analyst | : JL | | Batch: 2339067 |
| Mercury | ND | 20.0 | 1 | 09/28/23 | 09/29/23 | |



| | | I I I | | | | | | | |
|--|----------------------|------------|-----------|----------|-----------|----------------------|--|--|--|
| TNT Environmental | Project Name: | TN7 | Landfarm | | | | | | |
| PO Box 2530 | Project Number: 1700 | | 09-C-0001 | | Reported: | | | | |
| Farmington NM, 87499 | Project Manag | ger: Clay | Green | | | 10/5/2023 10:56:01AM | | | |
| Cell 11 Vadose | | | | | | | | | |
| | | E309193-11 | | | | | | | |
| | | Reporting | | | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | | | |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: IY | | Batch: 2339030 | | | |
| Benzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | | | | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | | | | |
| Toluene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | | | | |
| o-Xylene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | | | | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/26/23 | 09/27/23 | | | | |
| Total Xylenes | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | | 94.2 % | 70-130 | 09/26/23 | 09/27/23 | | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | Batch: 2339030 | | | | | | | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/26/23 | 09/27/23 | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 94.0 % | 70-130 | 09/26/23 | 09/27/23 | | | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: KM | | Batch: 2339020 | | | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/26/23 | 09/27/23 | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/26/23 | 09/27/23 | | | | |
| Surrogate: n-Nonane | | 101 % | 50-200 | 09/26/23 | 09/27/23 | | | | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Analys | st: JL | | Batch: 2339057 | | | |
| Arsenic | 0.593 | 0.500 | 1 | 09/28/23 | 10/03/23 | | | | |
| Barium | 212 | 6.25 | 1 | 09/28/23 | 10/03/23 | | | | |
| Cadmium | 1.91 | 0.250 | 1 | 09/28/23 | 10/03/23 | | | | |
| Chromium | 23.2 | 0.500 | 1 | 09/28/23 | 10/03/23 | | | | |
| Calcium | 5130 | 25.0 | 1 | 09/28/23 | 10/03/23 | | | | |
| Lead | 6.01 | 0.250 | 1 | 09/28/23 | 10/03/23 | | | | |
| Iron | 32400 | 500 | 10 | 09/28/23 | 10/04/23 | | | | |
| Magnesium | 4720 | 25.0 | 1 | 09/28/23 | 10/03/23 | | | | |
| Selenium | ND | 1.25 | 1 | 09/28/23 | 10/03/23 | | | | |
| Silver | ND | 0.250 | 1 | 09/28/23 | 10/03/23 | | | | |
| Potassium | 2040 | 25.0 | 1 | 09/28/23 | 10/03/23 | | | | |
| Sodium | 302 | 50.0 | 1 | 09/28/23 | 10/03/23 | | | | |
| | | | | | | | | | |



Sample Data

| | Sui | | | | | |
|----------------------------|------------------|-----------|--------------|----------|----------|----------------------|
| TNT Environmental | Project Name: | TNT L | TNT Landfarm | | | |
| PO Box 2530 | Project Number: | 17009- | 17009-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | | | 10/5/2023 10:56:01AM |
| | Cell | 11 Vadose | | | | |
| | E3 | 09193-11 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2339033 |
| Fluoride | 3.62 | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Chloride | 44.3 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Nitrite-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Nitrate-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| o-Phosphate-P | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Sulfate | 48.0 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Total Mercury by EPA 7471B | ug/kg | ug/kg | Analyst | ЛL | | Batch: 2339067 |
| Mercury | ND | 20.0 | 1 | 09/28/23 | 09/29/23 | |



| | Sa | impic D | ala | | | |
|--|----------------|---------------|-----------|----------|----------|----------------------|
| TNT Environmental | Project Name: | TNT | Landfarm | | | |
| PO Box 2530 | Project Number | r: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manage | er: Clay | Green | | | 10/5/2023 10:56:01AM |
| | Ce | ell 12 Vadose | 9 | | | |
| | 1 | E309193-12 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2339030 |
| Benzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Toluene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| o-Xylene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/26/23 | 09/27/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | ! | 94.7 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: IY | | Batch: 2339030 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | ! | 93.5 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: KM | | Batch: 2339020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/26/23 | 09/27/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: n-Nonane | | 100 % | 50-200 | 09/26/23 | 09/27/23 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Analys | t: JL | | Batch: 2339057 |
| Arsenic | ND | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Barium | 172 | 6.25 | 1 | 09/28/23 | 10/03/23 | |
| Cadmium | 1.94 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Chromium | 28.0 | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Calcium | 5930 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Lead | 5.68 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Iron | 30100 | 500 | 10 | 09/28/23 | 10/04/23 | |
| Magnesium | 5280 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Selenium | ND | 1.25 | 1 | 09/28/23 | 10/03/23 | |
| Silver | ND | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Potassium | 2950 | 250 | 10 | 09/28/23 | 10/04/23 | |
| Sodium | 540 | 50.0 | 1 | 09/28/23 | 10/03/23 | |



Sample Data

| | Sun | ipic Da | | | | |
|----------------------------|------------------|-----------|--------------|----------|----------|----------------------|
| TNT Environmental | Project Name: | TNT L | TNT Landfarm | | | |
| PO Box 2530 | Project Number: | 17009- | 17009-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | | | 10/5/2023 10:56:01AM |
| | Cell | 12 Vadose | | | | |
| | E3(| 09193-12 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: RAS | | | Batch: 2339033 |
| Fluoride | 4.07 | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Chloride | 27.0 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Nitrite-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Nitrate-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| o-Phosphate-P | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Sulfate | 79.8 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Total Mercury by EPA 7471B | ug/kg | ug/kg | Analyst | : JL | | Batch: 2339067 |
| Mercury | ND | 20.0 | 1 | 09/28/23 | 09/29/23 | |



| | Sa | impic Da | ala | | | |
|--|----------------|---------------|-----------|----------|----------|----------------------|
| TNT Environmental | Project Name: | TNT | Landfarm | | | |
| PO Box 2530 | Project Numbe | r: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manage | er: Clay | Green | | | 10/5/2023 10:56:01AM |
| | Ce | ell 13 Vadose | 9 | | | |
| |] | E309193-13 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2339030 |
| Benzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Toluene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| o-Xylene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/26/23 | 09/27/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 94.6 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: IY | | Batch: 2339030 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 93.3 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: KM | | Batch: 2339020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/26/23 | 09/27/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: n-Nonane | | 108 % | 50-200 | 09/26/23 | 09/27/23 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Analys | t: JL | | Batch: 2339057 |
| Arsenic | ND | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Barium | 120 | 6.25 | 1 | 09/28/23 | 10/03/23 | |
| Cadmium | 2.03 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Chromium | 31.5 | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Calcium | 7800 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Lead | 4.62 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Iron | 30800 | 500 | 10 | 09/28/23 | 10/04/23 | |
| Magnesium | 6930 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Selenium | ND | 1.25 | 1 | 09/28/23 | 10/03/23 | |
| Silver | ND | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Potassium | 2510 | 250 | 10 | 09/28/23 | 10/04/23 | |
| Sodium | 180 | 50.0 | 1 | 09/28/23 | 10/03/23 | |



Sample Data

| | Sal | | la | | | |
|----------------------------|------------------|-----------|----------|----------|----------|----------------------|
| TNT Environmental | Project Name: | TNT La | andfarm | | | |
| PO Box 2530 | Project Number: | 17009- | C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | | | 10/5/2023 10:56:01AM |
| | Cell | 13 Vadose | | | | |
| | E3 | 09193-13 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: | RAS | | Batch: 2339033 |
| Fluoride | 3.42 | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Chloride | ND | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Nitrite-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Nitrate-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| o-Phosphate-P | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Sulfate | 115 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Total Mercury by EPA 7471B | ug/kg | ug/kg | Analyst: | JL | | Batch: 2339067 |
| Mercury | ND | 20.0 | 1 | 09/28/23 | 10/02/23 | |



| | 56 | mpic D | ala | | | |
|--|----------------|---------------|-----------|----------|----------------------|----------------|
| TNT Environmental | Project Name: | TNT | Landfarm | | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manage | er: Clay | Green | | 10/5/2023 10:56:01AM | |
| | С | ell 14 Vadose | 2 | | | |
| |] | E309193-14 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2339030 |
| Benzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Ethylbenzene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Toluene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| o-Xylene | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| p,m-Xylene | ND | 0.0500 | 1 | 09/26/23 | 09/27/23 | |
| Total Xylenes | ND | 0.0250 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 93.8 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: IY | | Batch: 2339030 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 94.4 % | 70-130 | 09/26/23 | 09/27/23 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: KM | | Batch: 2339020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 09/26/23 | 09/27/23 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 09/26/23 | 09/27/23 | |
| Surrogate: n-Nonane | | 108 % | 50-200 | 09/26/23 | 09/27/23 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Analys | t: JL | | Batch: 2339057 |
| Arsenic | ND | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Barium | 126 | 6.25 | 1 | 09/28/23 | 10/03/23 | |
| Cadmium | 1.41 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Chromium | 23.7 | 0.500 | 1 | 09/28/23 | 10/03/23 | |
| Calcium | 5810 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Lead | 3.81 | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Iron | 15300 | 50.0 | 1 | 09/28/23 | 10/03/23 | |
| Magnesium | 5020 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Selenium | ND | 1.25 | 1 | 09/28/23 | 10/03/23 | |
| Silver | ND | 0.250 | 1 | 09/28/23 | 10/03/23 | |
| Potassium | 1800 | 25.0 | 1 | 09/28/23 | 10/03/23 | |
| Sodium | 143 | 50.0 | 1 | 09/28/23 | 10/03/23 | |
| | | | | | | |



Sample Data

| | Sun | ipic Da | | | | |
|----------------------------|------------------|-----------|----------|----------|----------|----------------------|
| TNT Environmental | Project Name: | TNT L | andfarm | | | |
| PO Box 2530 | Project Number: | 17009- | C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | | | 10/5/2023 10:56:01AM |
| | Cell | 14 Vadose | | | | |
| | E3(| 09193-14 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst | : RAS | | Batch: 2339033 |
| Fluoride | 4.31 | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Chloride | ND | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Nitrite-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Nitrate-N | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| o-Phosphate-P | ND | 2.50 | 1 | 09/27/23 | 09/28/23 | |
| Sulfate | 37.2 | 20.0 | 1 | 09/27/23 | 09/28/23 | |
| Total Mercury by EPA 7471B | ug/kg | ug/kg | Analyst | : JL | | Batch: 2339067 |
| Mercury | ND | 20.0 | 1 | 09/28/23 | 09/29/23 | |



QC Summary Data

| | | | | - | | | | | |
|-------------------------------------|--------|-----------------------------|----------------|------------------|----------|---------------|-------------|--------------|----------------------|
| TNT Environmental | | Project Name: | T. | NT Landfarm | | | | | Reported: |
| PO Box 2530 | | Project Number: | 1 | /009-C-0001 | | | | | |
| Farmington NM, 87499 | | Project Manager: Clay Green | | | | | | | 10/5/2023 10:56:01AM |
| | | Volatile O | rganics l | by EPA 802 | 1B | | | | Analyst: IY |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2339030-BLK1) | | | | | | | Prepared: 0 | 9/26/23 | Analyzed: 09/27/23 |
| Benzene | ND | 0.0250 | | | | | - | | · · |
| thylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| p-Xvlene | ND | 0.0250 | | | | | | | |
| .m-Xvlene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.63 | | 8.00 | | 95.4 | 70-130 | | | |
| LCS (2339030-BS1) | | | | | | | Prepared: 0 | 9/26/23 | Analyzed: 09/27/23 |
| Benzene | 4.75 | 0.0250 | 5.00 | | 94.9 | 70-130 | | | |
| Ethylbenzene | 4.68 | 0.0250 | 5.00 | | 93.7 | 70-130 | | | |
| oluene | 4.74 | 0.0250 | 5.00 | | 94.8 | 70-130 | | | |
| -Xylene | 4.69 | 0.0250 | 5.00 | | 93.7 | 70-130 | | | |
| ,m-Xylene | 9.56 | 0.0500 | 10.0 | | 95.6 | 70-130 | | | |
| Total Xylenes | 14.2 | 0.0250 | 15.0 | | 94.9 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.62 | | 8.00 | | 95.2 | 70-130 | | | |
| Matrix Spike (2339030-MS1) | | | | Source: l | E309193- | 02 | Prepared: 0 | 9/26/23 | Analyzed: 09/27/23 |
| Benzene | 5.19 | 0.0250 | 5.00 | ND | 104 | 54-133 | | | |
| thylbenzene | 5.14 | 0.0250 | 5.00 | ND | 103 | 61-133 | | | |
| oluene | 5.19 | 0.0250 | 5.00 | ND | 104 | 61-130 | | | |
| -Xylene | 5.13 | 0.0250 | 5.00 | ND | 103 | 63-131 | | | |
| ,m-Xylene | 10.4 | 0.0500 | 10.0 | ND | 104 | 63-131 | | | |
| Total Xylenes | 15.6 | 0.0250 | 15.0 | ND | 104 | 63-131 | | | |
| urrogate: 4-Bromochlorobenzene-PID | 7.65 | | 8.00 | | 95.6 | 70-130 | | | |
| Matrix Spike Dup (2339030-MSD1) | | | | Source: l | E309193- | 02 | Prepared: 0 | 9/26/23 | Analyzed: 09/27/23 |
| Benzene | 5.35 | 0.0250 | 5.00 | ND | 107 | 54-133 | 3.16 | 20 | |
| Ethylbenzene | 5.27 | 0.0250 | 5.00 | ND | 105 | 61-133 | 2.37 | 20 | |
| Toluene | 5.32 | 0.0250 | 5.00 | ND | 106 | 61-130 | 2.42 | 20 | |
| o-Xylene | 5.28 | 0.0250 | 5.00 | ND | 106 | 63-131 | 2.77 | 20 | |
| ,m-Xylene | 10.7 | 0.0500 | 10.0 | ND | 107 | 63-131 | 2.12 | 20 | |
| Total Xylenes | 16.0 | 0.0250 | 15.0 | ND | 106 | 63-131 | 2.34 | 20 | |
| Surrogate: 4-Bromochlorobenzene_PID | 7 50 | | 8.00 | | 94.9 | 70-130 | | | |
| Junogue. 4 Diomocniorobenzene-11D | 1.09 | | 0.00 | | 22 | /0 100 | | | |



QC Summary Data

| | | QC D | u | ary Data | L | | | | |
|--|-----------------|--|-------------------------|--|-------------------|--------------------|-------------|-------------------|--|
| TNT Environmental PO Box 2530 Farmington NM, 87499 | | Project Name: Project Number: Project Manager: | T 1 C | FNT Landfarm 17009-C-0001 Clay Green | | | | | Reported: 10/5/2023 10:56:01AM |
| | No | onhalogenated O | Organics | s by EPA 801 | 5D - G | RO | | | Analyst: IY |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2339030-BLK1) | | | | | | | Prepared: 0 | 9/26/23 | Analyzed: 09/27/23 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.54 | | 8.00 | | 94.3 | 70-130 | | | |
| LCS (2339030-BS2) | | | | | | | Prepared: 0 | 9/26/23 | Analyzed: 09/27/23 |
| Gasoline Range Organics (C6-C10) | 50.6 | 20.0 | 50.0 | | 101 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.50 | | 8.00 | | 93.8 | 70-130 | | | |
| Matrix Spike (2339030-MS2) | | | | Source: l | E 309193 - | 02 | Prepared: 0 | 9/26/23 | Analyzed: 09/27/23 |
| Gasoline Range Organics (C6-C10) | 48.2 | 20.0 | 50.0 | ND | 96.4 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.55 | | 8.00 | | 94.4 | 70-130 | | | |
| Matrix Spike Dup (2339030-MSD2) | | | | Source: I | E309193- | 02 | Prepared: 0 | 9/26/23 | Analyzed: 09/27/23 |
| Gasoline Range Organics (C6-C10) | 52.5 | 20.0 | 50.0 | ND | 105 | 70-130 | 8.43 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.48 | | 8.00 | | 93.5 | 70-130 | | | |



QC Summary Data

| | | QC D | u I I I I I I | ary Data | L | | | | |
|----------------------------------|--------|----------------------------------|----------------|------------------------------|-------------------|---------------|-------------|--------------|----------------------|
| TNT Environmental PO Box 2530 | | Project Name: Project Number: | | TNT Landfarm 17009-C-0001 | | | | | Reported: |
| Farmington NM, 87499 | | Project Manager: | | Clay Green | | | | | 10/5/2023 10:56:01AM |
| | Nonh | alogenated Org | anics b | y EPA 8015D | - DRO | /ORO | | | Analyst: KM |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2339020-BLK1) | | | | | | | Prepared: 0 | 9/26/23 | Analyzed: 09/26/23 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 51.6 | | 50.0 | | 103 | 50-200 | | | |
| LCS (2339020-BS1) | | | | | | | Prepared: 0 | 9/26/23 | Analyzed: 09/26/23 |
| Diesel Range Organics (C10-C28) | 282 | 25.0 | 250 | | 113 | 38-132 | | | |
| Surrogate: n-Nonane | 53.7 | | 50.0 | | 107 | 50-200 | | | |
| Matrix Spike (2339020-MS1) | | | | Source: I | E 309188 - | 03 | Prepared: 0 | 9/26/23 | Analyzed: 09/26/23 |
| Diesel Range Organics (C10-C28) | 264 | 25.0 | 250 | ND | 106 | 38-132 | | | |
| Surrogate: n-Nonane | 54.2 | | 50.0 | | 108 | 50-200 | | | |
| Matrix Spike Dup (2339020-MSD1) | | | | Source: I | E 309188 - | 03 | Prepared: 0 | 9/26/23 | Analyzed: 09/26/23 |
| Diesel Range Organics (C10-C28) | 290 | 25.0 | 250 | ND | 116 | 38-132 | 9.18 | 20 | |
| Surrogate: n-Nonane | 53.2 | | 50.0 | | 106 | 50-200 | | | |



QC Summary Data

| | | <u> </u> | | <u> </u> | - | | | | |
|--|--|--|--|--|--|--|---|--|----------------------|
| TNT Environmental PO Box 2530 | | Project Name: Project Number: | 7 1 | TNT Landfarm 7009-C-0001 | | | | | Reported: |
| Farmington NM, 87499 | | Project Manager: | (| Clay Green | | | | | 10/5/2023 10:56:01AM |
| | | Total M | etals by | EPA 6010C | | | | | Analyst: JL |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| lank (2339057-BLK1) | | | | | | | Prepared: 09 | 9/28/23 A | Analyzed: 09/28/23 |
| rsenic | ND | 0.500 | | | | | | | |
| ırium | ND | 6.25 | | | | | | | |
| admium | ND | 0.250 | | | | | | | |
| ıromium | ND | 0.500 | | | | | | | |
| alcium | ND | 25.0 | | | | | | | |
| ead | ND | 0.250 | | | | | | | |
| on | ND | 50.0 | | | | | | | |
| agnesium | ND | 25.0 | | | | | | | |
| elenium | ND | 1.25 | | | | | | | |
| lver | ND | 0.250 | | | | | | | |
| otassium | ND | 25.0 | | | | | | | |
| odium | ND | 50.0 | | | | | | | |
| LCS (2339057-BS1) | | | | | | | Prepared: 09 | 9/28/23 A | Analyzed: 09/28/23 |
| rsenic | 12.3 | 0.500 | 12.5 | | 98.3 | 80-120 | | | |
| arium | 288 | 6.25 | 313 | | 92.2 | 80-120 | | | |
| admium | 6.14 | 0.250 | 6.25 | | 98.2 | 80-120 | | | |
| nromium | 25.2 | 0.500 | 25.0 | | 101 | 80-120 | | | |
| alcium | 1160 | 25.0 | 1250 | | 92.6 | 80-120 | | | |
| ead | 6.36 | 0.250 | 6.25 | | 102 | 80-120 | | | |
| agnesium | 1270 | 25.0 | 1250 | | 102 | 80-120 | | | |
| elenium | 31.0 | 1.25 | 31.3 | | 99.2 | 80-120 | | | |
| lver | 2.17 | 0.250 | 2.50 | | 86.6 | 80-120 | | | |
| otassium | 119 | 25.0 | 125 | | 95.1 | 80-120 | | | |
| odium | 475 | 50.0 | 500 | | 95.1 | 80-120 | | | |
| Iatrix Spike (2339057-MS1) | | | | Source: E | 2309157-0 | 01 | Prepared: 09 | 9/28/23 <i>I</i> | Analyzed: 09/28/23 |
| rsenic | 11.4 | 0.500 | 12.5 | 1.91 | 76.1 | 75-125 | | | - |
| arium | 350 | 6.25 | 313 | 123 | 72.6 | 75-125 | | | M2 |
| admium | 5.21 | 0.250 | 6.25 | 0.545 | 74.6 | 75-125 | | | M2 |
| hromium | 30.4 | 0.500 | 25.0 | 10.7 | 78.9 | 75-125 | | | |
| alcium | 6370 | 25.0 | 1250 | 5410 | 77.2 | 75-125 | | | |
| sad | 11.4 | 0,250 | 6.25 | 6.91 | 71.4 | 75-125 | | | M2 |
| lagnesium | 3900 | 25.0 | 1250 | 3340 | 45.4 | 75-125 | | | M2 |
| elenium | 23.8 | 1 25 | 31.3 | ND | 76.2 | 75-125 | | | |
| lver | 1.85 | 0.250 | 2.50 | ND | 74.1 | 75-125 | | | M2 |
| otassium | 1600 | 25.0 | 125 | 1670 | NR | 75-125 | | | M4 |
| odium | 696 | 50.0 | 500 | 290 | 81.3 | 75-125 | | | |
| Aatrix Spike Dup (2339057-MSD1) | | | | Source: E | 309157-0 | 01 | Prepared: 09 | 9/28/23 <i>I</i> | Analyzed: 09/28/23 |
| | | 0.500 | 12.5 | 1.91 | 77.8 | 75-125 | 1.78 | 20 | |
| rsenic | 11.6 | 0.500 | | | | | | | |
| rsenic arium | 11.6 363 | 6.25 | 313 | 123 | 76.5 | 75-125 | 3.44 | 20 | |
| rsenic arium admium | 11.6 363 5.27 | 6.25 0.250 | 313 6.25 | 123 0.545 | 76.5 75.6 | 75-125 75-125 | 3.44 1.24 | 20 20 | |
| rsenic arium admium hromium | 11.6 363 5.27 30.7 | 6.25 0.250 0.500 | 313 6.25 25.0 | 123 0.545 10.7 | 76.5 75.6 80.1 | 75-125 75-125 75-125 | 3.44 1.24 0.982 | 20 20 20 | |
| rsenic arium admium hromium alcium | 11.6 363 5.27 30.7 6300 | 6.25 0.250 0.500 25.0 | 313 6.25 25.0 1250 | 123 0.545 10.7 5410 | 76.5 75.6 80.1 71.8 | 75-125 75-125 75-125 75-125 | 3.44 1.24 0.982 1.07 | 20 20 20 20 | M4 |
| rsenic arium admium hromium alcium zad | 11.6 363 5.27 30.7 6300 11.4 | 6.25 0.250 0.500 25.0 0.250 | 313 6.25 25.0 1250 6.25 | 123 0.545 10.7 5410 6.91 | 76.5 75.6 80.1 71.8 72.4 | 75-125 75-125 75-125 75-125 75-125 | 3.44 1.24 0.982 1.07 0.570 | 20 20 20 20 20 20 | M4 M2 |
| rsenic arium admium hromium alcium ead agnesium | 11.6 363 5.27 30.7 6300 11.4 3870 | 6.25 0.250 0.500 25.0 0.250 25.0 | 313 6.25 25.0 1250 6.25 1250 | 123 0.545 10.7 5410 6.91 3340 | 76.5 75.6 80.1 71.8 72.4 42.6 | 75-125 75-125 75-125 75-125 75-125 75-125 | 3.44 1.24 0.982 1.07 0.570 0.901 | 20 20 20 20 20 20 20 | M4 M2 M2 |
| rsenic arium admium hromium alcium ead lagnesium Jenium | 11.6 363 5.27 30.7 6300 11.4 3870 24.2 | 6.25 0.250 0.500 25.0 0.250 25.0 1.25 | 313 6.25 25.0 1250 6.25 1250 31.3 | 123 0.545 10.7 5410 6.91 3340 ND | 76.5 75.6 80.1 71.8 72.4 42.6 77.4 | 75-125 75-125 75-125 75-125 75-125 75-125 75-125 | 3.44 1.24 0.982 1.07 0.570 0.901 1.62 | 20 20 20 20 20 20 20 20 | M4 M2 M2 |
| rsenic tarium 'admium 'hromium 'alcium ead fagnesium elenium ilver | 11.6 363 5.27 30.7 6300 11.4 3870 24.2 1.89 | 6.25 0.250 0.500 25.0 0.250 25.0 1.25 0.250 | 313 6.25 25.0 1250 6.25 1250 31.3 2.50 | 123 0.545 10.7 5410 6.91 3340 ND ND | 76.5 75.6 80.1 71.8 72.4 42.6 77.4 75.6 | 75-125 75-125 75-125 75-125 75-125 75-125 75-125 75-125 | 3.44 1.24 0.982 1.07 0.570 0.901 1.62 2.00 | 20 20 20 20 20 20 20 20 20 20 | M4 M2 M2 |
| Arsenic Jarium Jadmium Chromium Calcium Jead Aagnesium elenium ilver otassium | 11.6 363 5.27 30.7 6300 11.4 3870 24.2 1.89 1.520 | 6.25 0.250 0.500 25.0 0.250 25.0 1.25 0.250 25.0 | 313 6.25 25.0 1250 6.25 1250 31.3 2.50 125 | 123 0.545 10.7 5410 6.91 3340 ND ND 1670 | 76.5 75.6 80.1 71.8 72.4 42.6 77.4 75.6 NR | 75-125 75-125 75-125 75-125 75-125 75-125 75-125 75-125 75-125 75-125 | 3.44 1.24 0.982 1.07 0.570 0.901 1.62 2.00 5.00 | 20 20 20 20 20 20 20 20 20 20 20 | M4 M2 M2 M4 |



QC Summary Data

| | | | | e | | | | | |
|---------------------------------|--------|------------------|----------|-------------|----------------|--------|-------------|----------|----------------------|
| TNT Environmental | | Project Name: | T | NT Landfarm | | | | | Reported: |
| PO Box 2530 | | Project Number: | 17 | 7009-C-0001 | | | | | |
| Farmington NM, 87499 | | Project Manager: | Cl | lay Green | | | | | 10/5/2023 10:56:01AM |
| | | Anions l | by EPA 3 | 300.0/9056A | L | | | | Analyst: RAS |
| | | Dementing | Sailes | Source | | | | DDD | - |
| Analyte | Pecult | Limit | Level | Result | Rec | Limits | RPD | Limit | |
| | mg/kg | ma/ka | ma/ka | ma/ka | 0/ | 0/ | 0/ | 0/ | Natas |
| | шg/кg | mg/kg | mg/kg | mg/kg | [%] 0 | %0 | %0 | %0 | INOLES |
| Blank (2339033-BLK1) | | | | | | | Prepared: (| 9/27/23 | Analyzed: 09/28/23 |
| Fluoride | ND | 2.50 | | | | | | | |
| Chloride | ND | 20.0 | | | | | | | |
| Nitrite-N | ND | 2.50 | | | | | | | |
| Nitrate-N | ND | 2.50 | | | | | | | |
| o-Phosphate-P | ND | 2.50 | | | | | | | |
| Sulfate | ND | 20.0 | | | | | | | |
| LCS (2339033-BS1) | | | | | | | Prepared: (|)9/27/23 | Analyzed: 09/28/23 |
| Fluoride | 24.6 | 2.50 | 25.0 | | 98.6 | 90-110 | | | |
| Chloride | 256 | 20.0 | 250 | | 102 | 90-110 | | | |
| Nitrite-N | 25.4 | 2.50 | 25.0 | | 101 | 90-110 | | | |
| Nitrate-N | 24.2 | 2.50 | 25.0 | | 96.9 | 90-110 | | | |
| o-Phosphate-P | 126 | 2.50 | 125 | | 101 | 90-110 | | | |
| Sulfate | 256 | 20.0 | 250 | | 102 | 90-110 | | | |
| Matrix Spike (2339033-MS1) | | | | Source: l | E309193- | 01 | Prepared: (| 9/27/23 | Analyzed: 09/28/23 |
| Fluoride | 21.1 | 2.50 | 25.0 | ND | 84.3 | 80-120 | | | |
| Chloride | 256 | 20.0 | 250 | ND | 102 | 80-120 | | | |
| Nitrite-N | 26.3 | 2.50 | 25.0 | ND | 105 | 80-120 | | | |
| Nitrate-N | 27.1 | 2.50 | 25.0 | 2.52 | 98.4 | 80-120 | | | |
| p-Phosphate-P | 36.7 | 2.50 | 125 | ND | 29.4 | 80-120 | | | M2 |
| Sulfate | 334 | 20.0 | 250 | 91.0 | 97.3 | 80-120 | | | |
| Matrix Spike Dup (2339033-MSD1) | | | | Source: l | E309193- | 01 | Prepared: (| 9/27/23 | Analyzed: 09/28/23 |
| Fluoride | 21.2 | 2.50 | 25.0 | ND | 85.0 | 80-120 | 0.732 | 20 | |
| Chloride | 256 | 20.0 | 250 | ND | 103 | 80-120 | 0.156 | 20 | |
| Nitrite-N | 25.1 | 2.50 | 25.0 | ND | 101 | 80-120 | 4.66 | 20 | |
| Nitrate-N | 27.8 | 2.50 | 25.0 | 2.52 | 101 | 80-120 | 2.41 | 20 | |
| o-Phosphate-P | 35.9 | 2.50 | 125 | ND | 28.7 | 80-120 | 2.22 | 20 | M2 |
| Sulfate | 340 | 20.0 | 250 | 91.0 | 99.4 | 80-120 | 1.56 | 20 | |



QC Summary Data

| | | $\mathbf{x} \circ \sim$ | | - 5 | | | | | | |
|--|-----------------|--|-------------------------|---|-----------|--------------------|-------------|------------------|------------------------------------|-----|
| TNT Environmental PO Box 2530 Farmington NM, 87499 | | Project Name: Project Number: Project Manager: | T 17 C | NT Landfarm 7009-C-0001 lay Green | | | | | Reported: 10/5/2023 10:56:0 | 1AM |
| | | Total Me | rcury by | y EPA 7471 | В | | | | Analyst: JL | |
| Analyte | Result ug/kg | Reporting Limit ug/kg | Spike Level ug/kg | Source Result ug/kg | Rec % | Rec Limits % | RPD % | RPD Limi % | Notes | |
| Blank (2339067-BLK1) | | | | | | | Prepared: 0 | 9/28/23 | Analyzed: 09/29/2 | 3 |
| Mercury | ND | 20.0 | | | | | | | | |
| LCS (2339067-BS1) | | | | | | | Prepared: 0 | 9/28/23 | Analyzed: 09/29/22 | 3 |
| Mercury | 146 | 20.0 | 160 | | 91.3 | 80-120 | | | | |
| Matrix Spike (2339067-MS1) | | | | Source: | E309157-0 |)1 | Prepared: 0 | 9/28/23 | Analyzed: 09/29/22 | 3 |
| Mercury | 154 | 20.0 | 160 | ND | 96.0 | 80-120 | | | | |
| Matrix Spike Dup (2339067-MSD1) | | | | Source: | E309157-0 |)1 | Prepared: 0 | 9/28/23 | Analyzed: 09/29/2 | 3 |
| Mercury | 156 | 20.0 | 160 | ND | 97.4 | 80-120 | 1.40 | 20 | | |

QC Summary Report Comment:

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



| Demittions and ivotes | | | | | | | |
|-----------------------|------------------|--------------|----------------|--|--|--|--|
| TNT Environmental | Project Name: | TNT Landfarm | | | | | |
| PO Box 2530 | Project Number: | 17009-C-0001 | Reported: | | | | |
| Farmington NM, 87499 | Project Manager: | Clay Green | 10/05/23 10:56 | | | | |

- M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- T17 The sample chromatographic pattern does not resemble the typical fuel standard used for quantitation.
- 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.



Record Information

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Page 1 of 2 Receive

| lient: TATENirsumata | Bill To , | 1 | | 1.1 | La | ab Us | e Onl | y | | | | | TA | T | | EPA P | rogram |
|--|--|------------------------------|----------------|------------------|--------------------|--------------------|--------------------|----------------------|----------------------|-------------------|-----------|----------------------|-------------------------|-------------------------|------------------------------|---------------------|---|
| Project: THT Land Farm | Attention: TNT Environmenta | 1 | Lab | WO# | | 0 | Job N | lumi | ber | - | 1D | 2D | 3D | Star | ndard | CWA | SDWA |
| Project Manager: (Jung Green | Address: | | E3 | 509 | 19 | 5 | Analysis and Metho | | | | | | | / | <u> </u> | | RCRA |
| City. State. Zip | Phone: | | | | | | | | | | 5 | R | | | | | |
| Phone: | Email: | | 015 | 015 | | | | | 18.1 | X | 3 | 46. | | | | State | |
| mail: (lage) Walsheng, net Arter Omme | | | by 8 | by 8 | 8021 | 260 | 10 | 300.0 | te poi | 1 | 100 | 4 | | L L | | UT AZ | |
| Time No of a state | I | Lab |)/ORC | /DRC | X by 8 | by 8. | als 60 | oride | meth | + | 3 | | | ľ | | I | <u>I. </u> |
| Sampled Date Sampled Matrix Containers Sample ID | | Number | DRC | GRC | BTE | 0 N | Met | ਤੱ | EPA | 2 | 8 | | | | | Remarks | |
| 9:40 9-26-23 5 1 Cell 1 | Vadose | | 乂 | Х | Х | | | | | Х | X | | | | On | Ice | |
| 9:51 [ell 2 | Vadose | 2 | 1 | 1 | | | | | | | | | | | | | |
| 10:00 (113 | Vadose | 3 | | | | | | | | Τ | | | | | | | |
| 10:10 Coll4 | Vacose | 4 | | \square | | | | | | Τ | | | | | | | |
| 10:19 Cell S | Vacose | 5 | | | | | | | | | | | | | | | |
| 10:27 Cell 6 | Volose | 6 | | | | | | | | \int | Π | | | | | | |
| 10:35 Cell 7 | Vacose | 7 | | | | | | | | | Π | | | | | | |
| 1011:26 Cell 8 | Vacose | 8 | | | | | | | | | \prod | | | | | | |
| 11:15 Cell 9 | Vacose | 9 | | | | | | | | | | | | | | | |
| 10:45 Cell10 |) Vocose | 10 | | | | | | | | | | | | | | | |
| Additional Instructions: | | | 1 | 1 | L | | | | | L | • | | | | | | |
| I, (field sampler), attest to the validity and authenticity of this sample. I ar | n aware that tampering with or intentionally mislabelling t | he sample to | cation | , | | | Sample: packed | s requir in ice a | ring the it an av | rmal pi g temp | above | tion mu O but les | st be rece ss than 6 | eived on i °C on sul | ice the day t bsequent da | hey are samp ys. | ed or received |
| Relinquished by: (Signature) Date 7.1.173 | 3 25 Received by: presture | Date 9.26 | Z 3 | Time 13. | 2 | 5 | Rece | ived | on i | ce: | (Y | ab Us)/ N | se Onl | y . | | | |
| Relinquished by: (Signature) Date Time | Received by: (Signature) | Date | i | Time | | | T1 | | | | <u>72</u> | | | _ 1 | 3 | | |
| Relinquished by: (Signature) Date Time | Date | | Time | | | AVG | Tem | ip °C | 4 | | | | | | | | |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | | Container | Туре | : g - g | lass, | p - p(| oly/pla | astic, | ag - i | ambe | er gla | ss, v - | VOA | | | | |
| Note: Samples are discarded 30 days after results are reported un samples is applicable only to those samples received by the labor: | less other arrangements are made. Hazardous sam atory with this COC. The liability of the laboratory is l | ples will be imited to th | retur ne am | ned to ount n | o clier baid fo | nt or d or on 1 | ispose the rec | d of a oort. | it the | client | expe | nse. 1 | The rep | oort for | the analy | sis of the a | ibove |
| particles is appreciate only to those sumples received by the labore | | | | | | | | | | | | | • | | | | |
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| | Page 41 | of 43 | | | | | - | | \smile | | | ▼ | | | | \checkmark | |

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| Project | Information |
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| ^b roject In | formation | | | | | | Chain of | Custody | | | | | | | | | | | | | Page <u>2</u> | of2 |
|------------------------|-------------------------|-----------------|---------------|----------------|----------------|-----------|--|---------------|---------------|--------|--------------|--------------|---------|----------|----------|------------------------------|------------------------------|-----------|-------------|------------------|-----------------|--|
| Client: 7 | NTCM | ironm | intat | | | T | Bill To | | | | La | ab Us | se On | ly | | | | | TAT | | EPA P | rogram |
| Proiect: | NT La | Starn | ~ | | | Atter | ntion: TNT Gow Soon | mtel | Lab | WO | ŧ . | | Job I | Num | ber | | 1D | 2D | 3D | Standard | CWA | SDWA |
| Project N | Aanager: (| In Gr | en | | | Addr | ress: | | EC | 209 | 19 | 3 | 170 | 9.0 | 50 | 100 | | | | R | | |
| Address: | | 5 | | | | City, | State, Zip | | | | | | Analy | sis ar | nd Me | etho | į. | | | Sector 191 | | RCRA |
| City. Stat | e. Zip | | | | 7 | Phor | ne: | | | 1 | | | | | | | 183 | | | - | | |
| Phone: | | | | | 1.1 | Emai | il: | | 15 | 15 | | | | | | マ | 1 3 | | | | State | • |
| Email: C | log @ Wals | rengi | not by | ten Sho | m | | ···· | | v 80 | 8 | - | | | 2 | 1418 | X | 5 | | | NM CC | UTAZ | TX |
| Report d | ue by: | | | | | | | | 4 Op | l g | 802 | 826 | 1 de la | 30 S | thoc | X | F | | | X | | |
| Time | | | No. of | C | | | · · · · · · · | Lab | Į Š | 5 | ру М | <u></u> | als | rid | , me | 3 | S | | | | Downariu | |
| Sampled | Date Sampled | Matrix | Containers | Sample ID | | | | Number | L M | 8 | BTE | ğ | Mei | ਤੱ | EPA | Ũ | ð | | | | Remarks | |
| 1051 | Q 7/19 | ~ | 1 | 1 11 | 1.1 | 11 | ۸ | | ~ | 1 | V | | | | | $\overline{\mathbf{\nabla}}$ | $\overline{\mathbf{\nabla}}$ | | | | | |
| 024 | 7-26-2-5 | 5 | 11 | Cell | 11 | Va | lose | 111 | $ \wedge $ | ^ | $ \wedge $ | | | | | | $\left \uparrow \right $ | | | Or | ice | |
| 11.02 | | 1 | | 1 11 | 10 | | | 10 | | Π | | | | | | П | П | | | | 1 | |
| 1:02 | | | | (Cell | 12 | Vr | Core | 12 | | | | | | | | \square | | | | | | |
| 11,110 | | | | 11 | 12 | 1.1 | | 12 | | П | IT | | | | | | \square | | | | | |
| 11.70 | | | | Cell | 15 | U ø | reduc | 12 | | | | | | | | | | | | | | |
| 11.7λ | | | | | 111 | 11. | 200 | 111 | | П | П | | | | | | | | | | | |
| 1:20 | | 1 | | Cell | 17 | U a | | 17 | | | | | | | | | | | | | | |
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| ddition | al Instruction | าร: | 4 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| (field sam | pler), attest to the | validity and | lauthenticit | y of this samp | le. I am awa | re that t | tampering with or intentionally mislabelling | the sample lo | cation | ۱, | | | Sample | s requi | ring the | ermal p | reservat | ion mus | t be receiv | ed on ice the da | y they are samp | led or received |
| ate or time | e of collection is co | nsidered fra | aud and may | be grounds fo | or legal actio | n. | Sampled by: | orce | | | | | packed | in ice a | t an avş | g temp | above 0 |) but les | s than 6 °C | on subsequent of | days. | |
| lelinquish | ed by: (Signature | e) | Date | 4.02 | Time | | Received by: (Signature) | Date | 20 | Time | | - | | la c | | · . × | عاد ا | ab Us | e Only | . (L | 1 | |
| 4 | va | | 9. | -26-25 | 132 | -2 | Caithillan | 9.20.2 | <u>,5</u> | 13. | :25 |) | Rece | ived | on id | ce: | X |)/ N | | | | |
| Relinquish | ed by: (Signature | e) | Date | | Time | | Received by: (Signature) | Date | | Time | | | | | | | 7 | | | | | یں کا ہے۔ 14 میں 14 میں 15 میں 15 15 میں 15 میں |
| | | | | | | | | | | | | | T1 | | | | <u>T2</u> | | | <u>T3</u> | | |
| lelinquish | ed by: (Signatur | e) | Date | | Time | | Received by: (Signature) | Date | | Time | | | | | | | • | 1. | | | | |
| | | | | | | | | | | | | | AVG | Tem | p°C | _ 4 | | | | | | |
| ample Mat | trix: S - Soil. Sd - So | olid, Sg - Sluc | dge, A - Aqui | eous, O - Othe | r | | | Container | Туре | ≥:g-1 | glass. | p - p | oly/pl | astic. | ag - a | ambe | er glas | is, v - | VOA | | | |
| Note: Sam | ples are discard | ed 30 davs | after resul | ts are report | ed unless | other ar | rrangements are made. Hazardous sar | nples will be | retur | ned to | o clien | nt or d | lispose | d of a | t the o | client | exper | ise. T | he repo | rt for the ana | lysis of the a | above |
| amples is | applicable only | to those sa | imples rece | ived by the | laboratory | with th | his COC. The liability of the laboratory is | limited to th | <u>ne a</u> m | ount | paid fo | or on | the rep | oort. | | | | | | | | |
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| | | | | | | | Page 4 | 2 of 43 | | | | | | | - | _ | - | - | | | | _ = |
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Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| Client: TNT Environmental Date Received: | 09/26/23 13:: | 25 | Work Order ID: | E309193 |
|---|----------------------|---------------------|----------------|---------------|
| Phone: (505) 860-6215 Date Logged In: | 09/26/23 13: | 29 | Logged In By: | Caitlin Mars |
| Email: clay@walsheng.net Due Date: | 10/03/23 17: | 00 (5 day TAT) | | |
| Chain of Custody (COC) | | | | |
| L Deve the second LD metch the COC? | V | | | |
| 1. Does the sample ID match the COC? | res | | | |
| 2. Does the number of samples per sampling site location match the COC | Yes | | | |
| 4. Was the COC complete i.e. signatures dates/times requested analyses? | Yes | Carrier: Clay Green | | |
| 5. Were all samples received within holding time? | Vec | | | |
| Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion. | 105 | | Commen | ts/Resolution |
| Sample Turn Around Time (TAT) | | | | |
| 6. Did the COC indicate standard TAT, or Expedited TAT? | Yes | | | |
| Sample Cooler | | | | |
| 7. Was a sample cooler received? | Yes | | | |
| 8. If yes, was cooler received in good condition? | Yes | | | |
| 9. Was the sample(s) received intact, i.e., not broken? | Yes | | | |
| 10. Were custody/security seals present? | No | | | |
| 11. If yes, were custody/security seals intact? | NA | | | |
| 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Note: Thermal preservation is not required, if samples are received w/i 15 minutes of campling | Yes | | | |
| 13. If no visible ice, record the temperature. Actual sample temperature: | ₽°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? | No | L | | |
| Conjectors name? | No | | | |
| Sample rreservation | No | | | |
| 21 Does the COC or field labels indicate the complex wave processed? | INO | | | |
| 21. Does the COC or field labels indicate the samples were preserved? | N۸ | | | |
| 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? | NA No | | | |
| 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? | NA No | | | |
| 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? Multiphase Sample Matrix 26. Describe sample have meet then one have income kitchen? | NA No | | | |
| 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? 27. If any least the COC analise hild the Color of the sample have more than one phase. | NA No | | | |
| 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? | NA No NA | | | |
| 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? Subcontract Laboratory. | NA No NA | | | |
| 21. Does the COC or field labels indicate the samples were preserved? 22. Are sample(s) correctly preserved? 24. Is lab filteration required and/or requested for dissolved metals? Multiphase Sample Matrix 26. Does the sample have more than one phase, i.e., multiphase? 27. If yes, does the COC specify which phase(s) is to be analyzed? Subcontract Laboratory 28. Are samples required to get sent to a subcontract laboratory? | NA No NA No | | | |

B

Date

envirotech Inc.

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

Released to Imaging: 7/3/2025 10:33:21 AM



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

Work Order: E404237

Job Number: 17009-C-0001

Received: 4/23/2024

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 4/29/24

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: 4/29/24

Clay Green PO Box 2530 Farmington, NM 87499

Project Name: TNT Landfarm Workorder: E404237 Date Received: 4/23/2024 2:12:00PM

Clay Green,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/23/2024 2:12:00PM, 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com





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Chain of Custody etc.

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Sample Summarv

| | | Sampic Sum | mai y | | |
|---|---------------|--|--|----------|------------------|
| TNT Environmental PO Box 2530 Farmington NM 87499 | | Project Name: Project Number: Project Manager: | TNT Landfarm 17009-C-0001 Clay Green | | Reported: |
| Client Samula ID | Lab Samula ID | Matuix | Campled | Dessived | Container |
| | Lab Sample ID | Iviatrix | Sampleu | Ketelveu | Container |
| Cell 1 Vadose | E404237-01A | Soil | 04/23/24 | 04/23/24 | Glass Jar, 4 oz. |
| Cell 2 Vadose | E404237-02A | Soil | 04/23/24 | 04/23/24 | Glass Jar, 4 oz. |
| Cell 3 Vadose | E404237-03A | Soil | 04/23/24 | 04/23/24 | Glass Jar, 4 oz. |
| Cell 4 Vadose | E404237-04A | Soil | 04/23/24 | 04/23/24 | Glass Jar, 4 oz. |
| Cell 5 Vadose | E404237-05A | Soil | 04/23/24 | 04/23/24 | Glass Jar, 4 oz. |
| Cell 6 Vadose | E404237-06A | Soil | 04/23/24 | 04/23/24 | Glass Jar, 4 oz. |
| Cell 7 Vadose | E404237-07A | Soil | 04/23/24 | 04/23/24 | Glass Jar, 4 oz. |
| Cell 8 Vadose | E404237-08A | Soil | 04/23/24 | 04/23/24 | Glass Jar, 4 oz. |
| Cell 9 Vadose | E404237-09A | Soil | 04/23/24 | 04/23/24 | Glass Jar, 4 oz. |
| Cell 10 Vadose | E404237-10A | Soil | 04/23/24 | 04/23/24 | Glass Jar, 4 oz. |
| Cell 11 Vadose | E404237-11A | Soil | 04/23/24 | 04/23/24 | Glass Jar, 4 oz. |
| Cell 12 Vadose | E404237-12A | Soil | 04/23/24 | 04/23/24 | Glass Jar, 4 oz. |
| Cell 13 Vadose | E404237-13A | Soil | 04/23/24 | 04/23/24 | Glass Jar, 4 oz. |
| Cell 14 Vadose | E404237-14A | Soil | 04/23/24 | 04/23/24 | Glass Jar, 4 oz. |



| | | L | | | | |
|--|---------------|---------------|------------|---------------------|----------|----------------|
| TNT Environmental | Project Name: | : TN | Γ Landfarm | | | |
| PO Box 2530 | Project Numb | er: 170 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | / Green | | | 4/29/2024 1:29:56PM | | |
| | (| Cell 1 Vadose | 1 | | | |
| | | E404237-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Anal | yst: BA | | Batch: 2417040 |
| Benzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Toluene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/24/24 | 04/24/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 89.4 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Anal | yst: BA | | Batch: 2417040 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 80.3 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Anal | yst: KM | | Batch: 2417042 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/24/24 | 04/24/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: n-Nonane | | 96.9 % | 50-200 | 04/24/24 | 04/24/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Anal | yst: JM | | Batch: 2417044 |
| Chloride | 22.4 | 20.0 | 1 | 04/24/24 | 04/24/24 | |

Sample Data



| | | imple D | utu | | | |
|--|---------------|--------------|-----------|----------|---------------------|----------------|
| TNT Environmental | Project Name: | TNT | Landfarm | | | |
| PO Box 2530 | Project Numbe | er: 1700 |)9-C-0001 | | Reported: | |
| Farmington NM, 87499 | Project Manag | er: Clay | Green | | 4/29/2024 1:29:56PM | |
| | С | ell 2 Vadose | | | | |
| | | E404237-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Anal | yst: BA | | Batch: 2417040 |
| Benzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Toluene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/24/24 | 04/24/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 90.6 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Anal | yst: BA | | Batch: 2417040 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 80.9 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Anal | yst: KM | | Batch: 2417042 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/24/24 | 04/24/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: n-Nonane | | 95.1 % | 50-200 | 04/24/24 | 04/24/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Anal | yst: JM | | Batch: 2417044 |
| Chloride | ND | 20.0 | 1 | 04/24/24 | 04/24/24 | |



| | S | Sample D | ata | | | |
|--|--------------|---------------|----------------|-------------|----------|---------------------|
| TNT Environmental | Project Name | e: TNI | Γ Landfarm | | | |
| PO Box 2530 | Project Num | ber: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | ager: Clay | Green | | | 4/29/2024 1:29:56PM |
| | | Cell 3 Vadose | 1 | | | |
| | | E404237-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilutio | on Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Ar | nalyst: BA | | Batch: 2417040 |
| Benzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Toluene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/24/24 | 04/24/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 90.9 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | cg Analyst: BA | | | Batch: 2417040 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 82.6 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Ar | nalyst: KM | | Batch: 2417042 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/24/24 | 04/24/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: n-Nonane | | 99.7 % | 50-200 | 04/24/24 | 04/24/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Ar | nalyst: JM | | Batch: 2417044 |
| Chloride | 28.4 | 20.0 | 1 | 04/24/24 | 04/24/24 | |

| | S | Sample D | ata | | | |
|--|--------------|---------------|------------|-------------|----------|---------------------|
| TNT Environmental | Project Name | e: TNT | Г Landfarm | | | |
| PO Box 2530 | Project Num | ber: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | ager: Clay | Green | | | 4/29/2024 1:29:56PM |
| | | Cell 4 Vadose | ! | | | |
| | | E404237-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Diluti | on Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | А | nalyst: BA | | Batch: 2417040 |
| Benzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Toluene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/24/24 | 04/24/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 90.7 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | А | nalyst: BA | | Batch: 2417040 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 80.5 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | А | nalyst: KM | | Batch: 2417042 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/24/24 | 04/24/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: n-Nonane | | 97.3 % | 50-200 | 04/24/24 | 04/24/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | А | nalyst: JM | | Batch: 2417044 |
| Chloride | 70.1 | 20.0 | 1 | 04/24/24 | 04/24/24 | |

| | S | Sample D | ata | | | |
|--|--------------|---------------|------------|-------------|---------------------|----------------|
| TNT Environmental | Project Name | e: TNI | T Landfarm | | | |
| PO Box 2530 | Project Num | ber: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | ager: Clay | Green | | 4/29/2024 1:29:56PM | |
| | | Cell 5 Vadose | | | | |
| | | E404237-05 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilutio | on Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | A | nalyst: BA | | Batch: 2417040 |
| Benzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Toluene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/24/24 | 04/24/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| - Surrogate: 4-Bromochlorobenzene-PID | | 90.5 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | A | nalyst: BA | | Batch: 2417040 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 81.8 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | A | nalyst: KM | | Batch: 2417042 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/24/24 | 04/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/24/24 | 04/25/24 | |
| Surrogate: n-Nonane | | 100 % | 50-200 | 04/24/24 | 04/25/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | A | nalyst: JM | | Batch: 2417044 |
| Chloride | 34.3 | 20.0 | 1 | 04/24/24 | 04/24/24 | |



| | , | r | | | | |
|--|---------------|---------------|------------|-----------|----------|---------------------|
| TNT Environmental | Project Name | : TNT | T Landfarm | | | |
| PO Box 2530 | Project Numb | er: 1700 | 09-C-0001 | Reported: | | |
| Farmington NM, 87499 | Project Manag | ger: Clay | Green | | | 4/29/2024 1:29:56PM |
| | (| Cell 6 Vadose | | | | |
| | | E404237-06 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Anal | yst: BA | | Batch: 2417040 |
| Benzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Toluene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/24/24 | 04/24/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 90.4 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Anal | yst: BA | | Batch: 2417040 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/24/24 | 04/24/24 | |
| - Surrogate: 1-Chloro-4-fluorobenzene-FID | | 80.5 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Anal | yst: KM | | Batch: 2417042 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/24/24 | 04/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/24/24 | 04/25/24 | |
| Surrogate: n-Nonane | | 92.5 % | 50-200 | 04/24/24 | 04/25/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Anal | yst: JM | | Batch: 2417044 |
| Chloride | 29.1 | 20.0 | 1 | 04/24/24 | 04/24/24 | |
| | | impic D | uta | | | |
|--|---------------|--------------|-----------|----------|----------|---------------------|
| TNT Environmental | Project Name: | TNT | Landfarm | | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | er: Clay | Green | | | 4/29/2024 1:29:56PM |
| | С | ell 7 Vadose | | | | |
| | | E404237-07 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | vst: BA | | Batch: 2417040 |
| Benzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Toluene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/24/24 | 04/24/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 90.8 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | vst: BA | | Batch: 2417040 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 81.0 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | vst: KM | | Batch: 2417042 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/24/24 | 04/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/24/24 | 04/25/24 | |
| Surrogate: n-Nonane | | 96.6 % | 50-200 | 04/24/24 | 04/25/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | vst: JM | | Batch: 2417044 |
| Chloride | 305 | 20.0 | 1 | 04/24/24 | 04/24/24 | |



| | 56 | impic D | ata | | | |
|--|---------------|--------------|------------|----------|----------|---------------------|
| TNT Environmental | Project Name: | TNT | [Landfarm | | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | er: Clay | Green | | | 4/29/2024 1:29:56PM |
| | С | ell 8 Vadose | | | | |
| | | E404237-08 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Ana | lyst: BA | | Batch: 2417040 |
| Benzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Toluene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/24/24 | 04/24/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 90.1 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Ana | lyst: BA | | Batch: 2417040 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/24/24 | 04/24/24 | |
| - Surrogate: 1-Chloro-4-fluorobenzene-FID | | 81.2 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Ana | lyst: KM | | Batch: 2417042 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/24/24 | 04/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/24/24 | 04/25/24 | |
| Surrogate: n-Nonane | | 97.3 % | 50-200 | 04/24/24 | 04/25/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Ana | lyst: JM | | Batch: 2417044 |
| Chloride | 288 | 20.0 | 1 | 04/24/24 | 04/24/24 | |

| | | impic D | aca | | | |
|--|---------------|--------------|------------|----------|----------|---------------------|
| TNT Environmental | Project Name: | TNT | T Landfarm | | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | er: Clay | Green | | | 4/29/2024 1:29:56PM |
| | С | ell 9 Vadose | | | | |
| | | E404237-09 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | yst: BA | | Batch: 2417040 |
| Benzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Toluene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/24/24 | 04/24/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 91.2 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | yst: BA | | Batch: 2417040 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 79.2 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | yst: KM | | Batch: 2417042 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/24/24 | 04/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/24/24 | 04/25/24 | |
| Surrogate: n-Nonane | | 96.1 % | 50-200 | 04/24/24 | 04/25/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | yst: JM | | Batch: 2417044 |
| Chloride | 24.1 | 20.0 | 1 | 04/24/24 | 04/24/24 | |



| | S | ample D | ata | | | |
|--|------------------------------|---------------------|-------------------------|----------|----------|---------------------|
| TNT Environmental PO Box 2530 | Project Name Project Numb | :: TN7 ber: 1700 | T Landfarm 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | ger: Clay | / Green | | | 4/29/2024 1:29:56PM |
| | C | Cell 10 Vados | e | | | |
| | | E404237-10 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Anal | yst: BA | | Batch: 2417040 |
| Benzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Toluene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/24/24 | 04/24/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 89.9 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Anal | yst: BA | | Batch: 2417040 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 77.5 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Anal | yst: KM | | Batch: 2417042 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/24/24 | 04/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/24/24 | 04/25/24 | |
| Surrogate: n-Nonane | | 93.2 % | 50-200 | 04/24/24 | 04/25/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Anal | yst: JM | | Batch: 2417044 |
| Chloride | ND | 20.0 | 1 | 04/24/24 | 04/24/24 | |



| | S | ample D | ata | | | |
|--|---|---------------|---|----------|----------|----------------|
| TNT Environmental PO Box 2530 Farmington NM, 87499 | Project Name Project Num Project Mana | | Reported: 4/29/2024 1:29:56PM | | | |
| | (| Cell 11 Vados | 9 | | | |
| | | E404237-11 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Ana | lyst: BA | | Batch: 2417040 |
| Benzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Toluene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/24/24 | 04/24/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 91.0 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Ana | lyst: BA | | Batch: 2417040 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 77.1 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Ana | lyst: KM | | Batch: 2417042 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/24/24 | 04/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/24/24 | 04/25/24 | |
| Surrogate: n-Nonane | | 97.4 % | 50-200 | 04/24/24 | 04/25/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Ana | lyst: JM | | Batch: 2417044 |
| Chloride | 419 | 20.0 | 1 | 04/24/24 | 04/24/24 | |

| | Sa | ample D | ata | | | |
|--|---|------------------------------|------------------------------------|------------|---|----------------|
| TNT Environmental PO Box 2530 Farmington NM, 87499 | Project Name: Project Numbe Project Manag | TNT er: 1700 ger: Clay | F Landfarm 09-C-0001 7 Green | | Reported: 4/29/2024 1:29:56PM | |
| | С | ell 12 Vadoso | e | | | |
| | | E404237-12 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilutior | n Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Ana | alyst: BA | | Batch: 2417040 |
| Benzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Toluene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/24/24 | 04/24/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 90.7 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Ana | ılyst: BA | | Batch: 2417040 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 77.7 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Ana | ılyst: KM | | Batch: 2417042 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/24/24 | 04/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/24/24 | 04/25/24 | |
| Surrogate: n-Nonane | | 101 % | 50-200 | 04/24/24 | 04/25/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Ana | ılyst: JM | | Batch: 2417044 |
| Chloride | 90.8 | 20.0 | 1 | 04/24/24 | 04/24/24 | |



| | S | Sample D | ata | | | |
|--|--------------|---------------|------------|----------|----------|---------------------|
| TNT Environmental | Project Name | e: TN | Г Landfarm | | | |
| PO Box 2530 | Project Num | ber: 170 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | ager: Clay | Green | | | 4/29/2024 1:29:56PM |
| | (| Cell 13 Vados | e | | | |
| | | E404237-13 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Anal | yst: BA | | Batch: 2417040 |
| Benzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Toluene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/24/24 | 04/24/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 91.4 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Anal | yst: BA | | Batch: 2417040 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 79.3 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Anal | yst: KM | | Batch: 2417042 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/24/24 | 04/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/24/24 | 04/25/24 | |
| Surrogate: n-Nonane | | 97.0 % | 50-200 | 04/24/24 | 04/25/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Anal | yst: JM | | Batch: 2417044 |
| Chloride | ND | 20.0 | 1 | 04/24/24 | 04/24/24 | |



| | S | ample D | ata | | | |
|--|---------------|---------------|-----------|------------|----------|---------------------|
| TNT Environmental | Project Name: | TNT | Landfarm | | | |
| PO Box 2530 | Project Numb | er: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | ger: Clay | / Green | | | 4/29/2024 1:29:56PM |
| | С | ell 14 Vadoso | e | | | |
| | | E404237-14 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilutio | n Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | An | alyst: BA | | Batch: 2417040 |
| Benzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Toluene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| o-Xylene | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/24/24 | 04/24/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 90.9 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | An | alyst: BA | | Batch: 2417040 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/24/24 | 04/24/24 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 79.4 % | 70-130 | 04/24/24 | 04/24/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | An | alyst: KM | | Batch: 2417042 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 04/24/24 | 04/25/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 04/24/24 | 04/25/24 | |
| Surrogate: n-Nonane | | 88.5 % | 50-200 | 04/24/24 | 04/25/24 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | An | alyst: JM | | Batch: 2417044 |
| Chloride | 69.4 | 20.0 | 1 | 04/24/24 | 04/24/24 | |



QC Summary Data

| | | | | • | | | | | |
|-------------------------------------|--------|------------------|-----------|----------------------------|-------------------|--------|-------------|---------|---------------------|
| TNT Environmental | | Project Name: | TI | NT Landfarm | | | | | Reported: |
| PO Box 2530 | | Project Number: | 17 | 17009-C-0001 Clay Green | | | | | • |
| Farmington NM, 87499 | | Project Manager: | Cl | | | | | | 4/29/2024 1:29:56PM |
| | | Volatile Or | rganics b | by EPA 8021 | 1B | | | | Analyst: BA |
| Analyte | | Reporting | Spike | Source | | Rec | | RPD | |
| | Result | Limit | Level | Result | Rec | Limits | RPD | Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2417040-BLK1) | | | | | | | Prepared: 0 | 4/24/24 | Analyzed: 04/24/24 |
| Benzene | ND | 0.0250 | | | | | | | |
| Ithylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| p-Xvlene | ND | 0.0250 | | | | | | | |
| .m-Xvlene | ND | 0.0500 | | | | | | | |
| Fotal Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.33 | 0.0200 | 8.00 | | 91.7 | 70-130 | | | |
| LCS (2417040-BS1) | | | | | | | Prepared: 0 | 4/24/24 | Analyzed: 04/24/24 |
| Benzene | 4.57 | 0.0250 | 5.00 | | 91.5 | 70-130 | | | |
| thylbenzene | 4.45 | 0.0250 | 5.00 | | 89.1 | 70-130 | | | |
| oluene | 4.57 | 0.0250 | 5.00 | | 91.4 | 70-130 | | | |
| -Xvlene | 4.52 | 0.0250 | 5.00 | | 90.3 | 70-130 | | | |
| .m-Xvlene | 9.11 | 0.0500 | 10.0 | | 91.1 | 70-130 | | | |
| Total Xvlenes | 13.6 | 0.0250 | 15.0 | | 90.8 | 70-130 | | | |
| iurrogate: 4-Bromochlorobenzene-PID | 7.39 | | 8.00 | | 92.4 | 70-130 | | | |
| Matrix Spike (2417040-MS1) | | | | Source: I | E 404237 - | 03 | Prepared: 0 | 4/24/24 | Analyzed: 04/24/24 |
| Benzene | 5.33 | 0.0250 | 5.00 | ND | 107 | 54-133 | | | |
| thylbenzene | 5.18 | 0.0250 | 5.00 | ND | 104 | 61-133 | | | |
| oluene | 5.32 | 0.0250 | 5.00 | ND | 106 | 61-130 | | | |
| -Xylene | 5.27 | 0.0250 | 5.00 | ND | 105 | 63-131 | | | |
| ,m-Xylene | 10.6 | 0.0500 | 10.0 | ND | 106 | 63-131 | | | |
| Total Xylenes | 15.9 | 0.0250 | 15.0 | ND | 106 | 63-131 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.33 | | 8.00 | | 91.6 | 70-130 | | | |
| Matrix Spike Dup (2417040-MSD1) | | | | Source: I | E 404237 - | 03 | Prepared: 0 | 4/24/24 | Analyzed: 04/24/24 |
| Benzene | 5.41 | 0.0250 | 5.00 | ND | 108 | 54-133 | 1.47 | 20 | |
| Ethylbenzene | 5.26 | 0.0250 | 5.00 | ND | 105 | 61-133 | 1.49 | 20 | |
| Toluene | 5.39 | 0.0250 | 5.00 | ND | 108 | 61-130 | 1.37 | 20 | |
| o-Xylene | 5.34 | 0.0250 | 5.00 | ND | 107 | 63-131 | 1.43 | 20 | |
| o.m-Xylene | 10.7 | 0.0500 | 10.0 | ND | 107 | 63-131 | 1.46 | 20 | |
| Fotal Xylenes | 16.1 | 0.0250 | 15.0 | ND | 107 | 63-131 | 1.45 | 20 | |
| Surrogate: 4-Bromochlorohenzana_PID | 7 21 | | 8.00 | | 91.8 | 70-130 | | | |
| surroguie. +-bromocniorovenzene-r1D | 1.34 | | 0.00 | | 1.0 | /0-150 | | | |



QC Summary Data

| | | QC D | u | ary Data | L | | | | |
|--|-----------------|--|-------------------------|---|-------------------|--------------------|-------------|-------------------|---|
| TNT Environmental PO Box 2530 Farmington NM, 87499 | | Project Name: Project Number: Project Manager: | Т 1 С | TNT Landfarm 7009-C-0001 Clay Green | | | | | Reported: 4/29/2024 1:29:56PM |
| | No | onhalogenated O | Organics | by EPA 801 | 5D - G | RO | | | Analyst: BA |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Blank (2417040-BLK1) | | | | | | | Prepared: 0 | 4/24/24 | Analyzed: 04/24/24 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.65 | | 8.00 | | 83.1 | 70-130 | | | |
| LCS (2417040-BS2) | | | | | | | Prepared: 0 | 4/24/24 | Analyzed: 04/24/24 |
| Gasoline Range Organics (C6-C10) | 38.5 | 20.0 | 50.0 | | 77.1 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.69 | | 8.00 | | 83.6 | 70-130 | | | |
| Matrix Spike (2417040-MS2) | | | | Source: I | E 404237 - | 03 | Prepared: 0 | 4/24/24 | Analyzed: 04/24/24 |
| Gasoline Range Organics (C6-C10) | 39.7 | 20.0 | 50.0 | ND | 79.3 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.62 | | 8.00 | | 82.8 | 70-130 | | | |
| Matrix Spike Dup (2417040-MSD2) | | | | Source: I | E 404237 - | 03 | Prepared: 0 | 4/24/24 | Analyzed: 04/24/24 |
| Gasoline Range Organics (C6-C10) | 36.4 | 20.0 | 50.0 | ND | 72.8 | 70-130 | 8.63 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 6.58 | | 8.00 | | 82.3 | 70-130 | | | |



QC Summary Data

| | | QC D | umm | ary Data | L | | | | |
|----------------------------------|--------|----------------------------------|----------------|------------------------------|-------------------|---------------|-------------|--------------|---------------------|
| TNT Environmental PO Box 2530 | | Project Name: Project Number: | | TNT Landfarm 17009-C-0001 | | | | | Reported: |
| Farmington NM, 87499 | | Project Manager: | | Clay Green | | | | | 4/29/2024 1:29:56PM |
| | Nonha | alogenated Org | anics b | y EPA 8015D | - DRO | /ORO | | | Analyst: KM |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2417042-BLK1) | | | | | | | Prepared: 0 | 4/24/24 A | Analyzed: 04/24/24 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 48.7 | | 50.0 | | 97.3 | 50-200 | | | |
| LCS (2417042-BS1) | | | | | | | Prepared: 0 | 4/24/24 A | Analyzed: 04/24/24 |
| Diesel Range Organics (C10-C28) | 263 | 25.0 | 250 | | 105 | 38-132 | | | |
| Surrogate: n-Nonane | 48.7 | | 50.0 | | 97.4 | 50-200 | | | |
| Matrix Spike (2417042-MS1) | | | | Source: I | E 404237 - | 04 | Prepared: 0 | 4/24/24 A | Analyzed: 04/24/24 |
| Diesel Range Organics (C10-C28) | 265 | 25.0 | 250 | ND | 106 | 38-132 | | | |
| Surrogate: n-Nonane | 49.2 | | 50.0 | | 98.4 | 50-200 | | | |
| Matrix Spike Dup (2417042-MSD1) | | | | Source: I | E 404237 - | 04 | Prepared: 0 | 4/24/24 A | Analyzed: 04/24/24 |
| Diesel Range Organics (C10-C28) | 273 | 25.0 | 250 | ND | 109 | 38-132 | 3.14 | 20 | |
| Surrogate: n-Nonane | 51.0 | | 50.0 | | 102 | 50-200 | | | |



QC Summary Data

| | | $\mathbf{x} \in \mathbf{z}$ | ~~~~~ | | | | | | | |
|--|-----------------|--|-------------------------|---|---------------|--------------------|-------------|-------------------|---------------------------------------|-----|
| TNT Environmental PO Box 2530 Farmington NM, 87499 | | Project Name: Project Number: Project Manager: | T 1' : C | NT Landfarm 7009-C-0001 lay Green | | | | | Reported: 4/29/2024 1:29:56 | 5PM |
| | | Anions | by EPA | 300.0/9056 <i>A</i> | A Contraction | | | | Analyst: JM | |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes | |
| Blank (2417044-BLK1) | | | | | | | Prepared: 0 | 4/24/24 | Analyzed: 04/24/24 | Ļ |
| Chloride | ND | 20.0 | | | | | | | | |
| LCS (2417044-BS1) | | | | | | | Prepared: 0 | 4/24/24 | Analyzed: 04/24/24 | Ļ |
| Chloride | 250 | 20.0 | 250 | | 100 | 90-110 | | | | |
| Matrix Spike (2417044-MS1) | | | | Source: | E404237-0 | 07 | Prepared: 0 | 4/24/24 | Analyzed: 04/24/24 | Ļ |
| Chloride | 550 | 20.0 | 250 | 305 | 97.9 | 80-120 | | | | |
| Matrix Spike Dup (2417044-MSD1) | | | | Source: | E404237-0 | 07 | Prepared: 0 | 4/24/24 | Analyzed: 04/24/24 | Ļ |
| Chloride | 560 | 20.0 | 250 | 305 | 102 | 80-120 | 1.80 | 20 | | |

QC Summary Report Comment:

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



| TNT Environmental | Project Name: | TNT Landfarm | |
|----------------------|------------------|--------------|----------------|
| PO Box 2530 | Project Number: | 17009-C-0001 | Reported: |
| Farmington NM, 87499 | Project Manager: | Clay Green | 04/29/24 13:29 |

| ND Analyte NOT DETECTED at or above the rep | porting 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.



| Project | Information | |
|---------|-------------|--|
| roject | mormation | |

Chain of Custody

**

| Deres | 1 |
|-------|--------|
| Page | / 01 2 |

| lient: TNT Environmental | | | Bill To | | | | La | b Us | e On | ly | | 1 | | TAT | | EPA P | rogram |
|---|---|---------------------------------|---|--|-------------|------------|-----------|----------|------------------|---------------------|------------------------------|------------------------|---------------------------|-------------------------|---|---------------------|----------------|
| roject: TNT Landfarm | | | Attention: TNT Environment | al | Lab WO# Jol | | | | Job | Num | ber | 1D | 2D 3 | 3D 3 | Standard | CWA | SDWA |
| ddress: PO Box 2530 | | | Address: PO Box 2530 | | FC | 0u | 140 | >+ | 170 Analy | <u>69</u> - | C-OO | | | | X | | RCRA |
| ity, State, Zip Farmington NM | 87499 | _ | Phone: | | | | | | Analy | 515 01 | | | | 1 | - | | I NCIA |
| hone: | | | Email: | | 015 | 015 | | | | | 8.1 | | | 4 | | State | 1 |
| mail: Clay@walsheng.net, Sha enort due by: | awna, Arleen, Ma | irie | | |) by 8(|) by 8(| 3021 | 260 | 010 | 300.0 | 10d 41 | | | | NM CO | UT AZ | TX |
| Time Date Sampled Matrix | No. of Containers Sample ID | | | Lab Number | DRO/ORC | GRO/DRC | BTEX by 8 | VOC by 8 | Metals 60 | Chloride | EPA meth | | | | | Remarks | ; |
| 0:15 4-25-24 S | 1 Cel | 11 | Vadose | 1 | | | X | | | X | X | | | | | | |
| 0:35 | 1 Cel | 12 | Vadose | 2 | | | | | | | | | | | | | |
| 1:44 | Cel | (3) | Vedose | 3 | | | | | | | | | | | | | |
| 0:54 | Cel | 14 | Vadose | 4 | | | | | | | | | | | | | |
| 1:05 | Cel | 15 | Vado se | 5 | | | | | | | | | | | | | |
| :15 | Cel | 16 | Vatore | U | | | | | | | | | | | | | |
| :25 | Cell | 7 | Vakose | 7 | | | | | | | | | | | | | |
| 100 | Cel | 8 | Vadose | 8 | | | | | | 1 | | | | | | | |
| L:15 | Cel | (9 | Vadose | 9 | | | | | | 1 | | | | | | | |
| 1:33 | I Cel | (10 | Vadose | 10 | | 9 | 1 | | | 4 | 4 | | | | | | |
| Iditional Instructions: V[S.] | ice in cooper | -13 41 | ism | | | | | | | | | | | | | | |
| field sampler), attest to the validity and au te or time of collection is considered fraud | thenticity of this samp and may be grounds for | e. I am awar ar legal action | e that tampering with or intentionally mislat | belling the sample lo Green | cation | · | | | Sample packed | s requi in ice a | ring therma at an avg ter | l preserva np above | tion must i but less t | be receive than 6 °C | ed on ice the day th on subsequent day | ney are samp /s. | led or receive |
| elinquished by: (Signature) | Pate 23.24 | Time 1410 | Received by: (Signature) | Date 04 23 | 24 | Time IY | :12 | | Rece | eived | on ice: | K | ab Use / N | Only | | | |
| linguished by: (Signature) | Date | Time | Received by: (Sig pal ure) | Date | | Time | | | T1 | | | <u>T2</u> | | | <u>T3</u> | | |
| linquished by: (Signature) | Date | Time | Received by: (Signature) | Date | | Time | | - 1 | AVG | Tem | p°C 4 | .0 | | | | | |
| mple Matrix: S - Soil, Sd - Solid, Sg - Sludge, | , A - Aqueous, O - Othe | r | | Container | Туре | : g - g | lass, I | p - pc | oly/pl | astic, | ag - am | oer gla | is, v - V | OA | | | |
| ote: Samples are discarded 30 days aft | er results are report | ed unless of | her arrangements are made. Hazardo | us samples will be forw is limited to the | retur | ned to | client | or di | ispose he rer | d of a | t the clie | nt expe | nse. Th | e repor | t for the analy | sis of the a | above |

| Due | and . | In farmer atters | |
|-----|-------|------------------|--|
| Pro | ect | Information | |

Page 2_of <u>2 Received</u>

| Project Information | Chain of | Custody | | | | | | | | | | | | | P | age £ | |
|--|---|--|---------|------------|-------------------|-------------------|------------------|------------|-----------|-----------------|-----------|--------------------|-----------------|--------------|--------------|------------------------|---------------|
| Client: TNT Environmental Project: TNT Landfarm Project Manager: Clay Green Address: PO Box 2530 | Bill To Attention: TNT Environmental Address: PO Box 2530 City, State, Zip | Image: Topologic lab use only Image: Discrete lab use only | | | | | | | thod | 1D | 2D | TA 3D | T Stand X | lard | EPA P CWA | rogram SDWA RCRA | |
| City, State, Zip Farmington NM 87499 Phone: Email: Clay@walsheng.net, Shawna, Arleen, Marie Report due by: | Phone: Email: | | | O by 8015 | 8021 | 3260 | 010 | 300.0 | hod 418.1 | | | | | NN | 1 CO | State UT AZ | TX |
| Time Sampled Date Sampled Matrix No. of Containers Sample ID | | Lab Number | DRO/OR | GRO/DR | BTEX by | VOC by 8 | Metals 6 | Chloride | EPA met | _ | | | | | | Remarks | |
| 1:504-23-24 S 1 Cell | 11 Vacase | 11 | | | X | | | Х | X | | | | | | | | |
| 1:40 Cell | 2 Vacose | 12 | | | X | | | X | X | | | | | | | | |
| 2:25 Cell | 3 Vadose | 13 | | | X | | | X | K | | | | | | | | |
| 2:35 1 2 1 Cell | 14 Valore | 14 | | | X | | | X | X | | - | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | _ | | | |
| | | | | | | | | | | | | _ | _ | | | | |
| | dada | | | | _ | | | | | | | | | | | | _ |
| (field sampler) attest to the validity and authenticity of this sample | ([VSI'0] | the sample in | ocation | _ | _ | | Sample | es requi | ring the | mal pre | eservati | on must | be rece | eived on ice | the day th | ey are samp | led or receiv |
| te or time of collection is considered fraud and may be grounds for leg | action. Sampled by: Clay Green | IDate | | Timo | | _ | packed | l in ice a | at an avg | temp a | bove 0 | but less | than 6 | °C on subse | quent day | 5. | |
| elinquished by (Signature) | 410 Received by: (Signature) | 04/23/ | 24 | 14 Time | :12 | | Rece | eived | on ic | e: | V | / N | 2 011 | y | | | |
| blinguished by: (Signature) | Possived by: (Signature) | Date | | Time | _ | | <u>T1</u> | - | | _ | <u>T2</u> | | | <u>T3</u> | | | |
| initialities by (Signature) | Received by, (Signature) | Date | | Time | | | AVG | Tem | p°C_ | 4. | 0 | | | | | | |
| mple Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other ote: Samples are discarded 30 days after results are reported u | less other arrangements are made. Hazardous san | Container | Type | B - B | glass, o clien | p - po t or di | oly/pl ispose | astic, | ag - a | mbei lient (| r glas | s, v - \ se. Th | /OA he rep | ort for th | ne analys | is of the a | above |
| mples is applicable only to those samples received by the labo | tory with this COC. The liability of the laboratory is | limited to th | he am | ountp | paid fo | or on t | he rep | port. | | | | | | | | | |

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| Client: | TNT Environmental Da | te Received: | 04/23/24 14: | :12 | | Work Order ID: | E404237 |
|------------------|---|------------------------|--------------|-----------------|-----------|----------------|-----------------|
| Phone: | (505) 860-6215 Da | te Logged In: | 04/23/24 15: | :16 | | Logged In By: | Alexa Michaels |
| Email: | clay@walsheng.net Du | e Date: | 04/30/24 17 | :00 (5 day TAT) | | | |
| <u>Chain of</u> | Custody (COC) | | | | | | |
| 1. Does t | he sample ID match the COC? | | Yes | | | | |
| 2. Does t | he number of samples per sampling site location match t | he COC | Yes | | | | |
| 3. Were s | amples dropped off by client or carrier? | | Yes | Carrier: C | lay Green | | |
| 4. Was th | e COC complete, i.e., signatures, dates/times, requested | analyses? | Yes | | | | |
| 5. Were a | Il samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion. | field, | Yes | | | <u>Commer</u> | nts/Resolution |
| Sample 7 | <u>Furn Around Time (TAT)</u> | | | | | 1 410 1 | 1 |
| 6. Did the | e COC indicate standard TAT, or Expedited TAT? | | Yes | | Client ch | anged 418.1 a | malysis to GRO, |
| Sample (| <u>Cooler</u> | | | | DRO, OF | RO by 8015 | |
| 7. Was a | sample cooler received? | | Yes | | | | |
| 8. If yes, | was cooler received in good condition? | | Yes | | | | |
| 9. Was th | e 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 th | te sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are rec minutes of sampling | 6°±2°C eived w/i 15 | Yes | | | | |
| 13. If no | visible ice, record the temperature. Actual sample tem | perature: <u>4°</u> | <u>'C</u> | | | | |
| Sample (| <u>Container</u> | | | | | | |
| 14. Are a | queous VOC samples present? | | No | | | | |
| 15. Are \ | OC samples collected in VOA Vials? | | NA | | | | |
| 16. Is the | head space less than 6-8 mm (pea sized or less)? | | NA | | | | |
| 17. Was a | a trip blank (TB) included for VOC analyses? | | NA | | | | |
| 18. Are n | on-VOC samples collected in the correct containers? | | Yes | | | | |
| 19. Is the | appropriate volume/weight or number of sample containers | collected? | Yes | | | | |
| Field La | bel | | | | | | |
| 20. Were | tield sample labels filled out with the minimum informa | ition: | Ver | | | | |
| з Г | ample 12? Date/Time Collected? | | No | | | | |
| Č | Collectors name? | | No | | | | |
| <u>Sample l</u> | Preservation | | • | | | | |
| 21. Does | the COC or field labels indicate the samples were present | rved? | No | | | | |
| 22. Are s | ample(s) correctly preserved? | | NA | | | | |
| 24. Is lab | filteration required and/or requested for dissolved metal | ls? | No | | | | |
| <u>Multiph</u> : | ase 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 | | | | |
| Subcont | ract Laboratory | | | | | | |
| 28 Ares | amples required to get sent to a subcontract laboratory? | | No | | | | |
| 29. Was a | a subcontract laboratory specified by the client and if so | who? | NA S | ubcontract I ab | • NA | | |
| | ······································ | | 0 | asconnaet Lat | | | |

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



envirotech Inc.

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Project Information

Chain of Custody

* 14

Page _____ of ____

Received by OCD: 6/3/2025 12:14:58 PM

| Client: TNT Environmental | | TT | Bill To | | | | La | ab Us | e Only | / | | T | | TAT | r | EPA P | rogram |] |
|--|--------------------------|--------------|---|---------------|---------|----------|---------|---------|-----------|---------|--------------|-----------|----------|------------|-----------------------------|-------------------|---------------|-------|
| Project: TNT Landfarm | | A | Attention: TNT Environmental | | Lab | WO# | 00 | - | Job N | um | ber | 1D | 2D | 3D | Standard | CWA | SDWA | 1 |
| Project Manager: Clay Green | | A | Address: PO Box 2530 | | EC | 104 | Zi | 5+ | 1700 | 29- | C-COC |)N | | | X | | RCRA | - |
| City, State, Zin, Farmington NM 8749 | 99 | | http://www.state.com/ | | | | | | Analys | is an | | | 1 | | | | I NCNA | |
| Phone: | | E | mail: | | 15 | 15 | | | | | 6 | | | | | State | | |
| Email: Clay@walsheng.net, Shawna | a, Arleen, Marie | 2 | | | oy 80 | oy 80 | 21 | 00 | 0 | 0.0 | 20 | | | | NM C | O UT AZ | TX | |
| Report due by: | | | | | DRO I | DRO 1 | by 80 | v 826 | s 601 | de 30 | letho | | | | × | | | 4 |
| Time Date Sampled Matrix Containe | sample ID | | | Number | DRO/(| GRO/I | BTEX | VOC b | Metal | Chlori | EPAN | | | | | Remarks | | |
| 10:15 4-25-24 S 1 | Cell | 1 | Vadose | 1 | X | X | × | | 4 | X | K | | | | | | | |
| 10:35 | Cell | 2 | Vædose | 2 | 1 | 1 | | | | | | | | | | | | |
| 10:44 | Cell | 3 | Vedose | 3 | | | | | | | 1 | | | | | | | |
| 10:54 | Cell | 4 | Vadose | 4 | | | | | | | 1 | | | | | | | |
| 11:05 | Cell | 5 | Vado se | 5 | | | | | | | | | | | | | | C |
| 11:15 | Cell | 6 | Valose | U | | | | | | | | | | | | 1 | | C C C |
| 11:25 | Cell | 7 | Vakose | 7 | | | | | | | / | | | | | | | |
| 12:00 | Cell | 8 | Vadose | 8 | | | F | | | | | | | | | | | |
| 12:15 | Cell | 9 | Valose | 9 | | | | | | | V | | | | | | | |
| 11:33 | - Cell | 10 | Vadose | 10 | | 1 | 1 | | | - | 7 | | 1 | | | | | |
| Additional Instructions: VIS. ICL | Th coo | y 4/25 | h | - 112 | | | | | | | LAU | 10 | 10 | 310 | VI no | 000 | LAPCE | |
| , (field sampler), attest to the validity and authenti- | icity of this sample. I | am aware t | that tampering with or intentionally mislabelling | the sample lo | ocation | | | | Samples | requir | ring therma | preserv | ation mu | st be rece | ived on ice the c | lay they are samp | d or received | |
| date or time of collection is considered fraud and m | nay be grounds for le | egal action. | Sampled by: Clay Green | | | | | | packed in | n ice a | t an avg ter | np above | 0 but le | ss than 6 | ² C on subsequer | it days. | | |
| Relinquished by: (Signature) | 1. 1 2 9 11 Tim | ne IUID | Received by: (Signature) | Date | 14 | Time | -12 | | | | | 1 | ab Us | se Onl | Y | | | |
| Relinguished by: (Signature) | ate Tim | ne | Received by: (Siedalure) | Date | 5 | Time | 110 | - | Recei | vea | on ice: | Q | 01 N | | | | | |
| | | | | | | | | | T1 | 5. | | <u>T2</u> | - | | <u>T3</u> | | | |
| Relinquished by: (Signature) Da | ate Tim | ne | Received by: (Signature) | Date | | Time | | | AVG | Tem | p°C 4 | .0 | | | | | | |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Ac | queous, 0 - Other | | | Container | Туре | :: g - g | glass, | p - p | oly/pla | stic, | ag - am | per gla | 155, V - | VOA | | | | 1 |
| Note: Samples are discarded 30 days after res | sults are reported u | unless othe | er arrangements are made. Hazardous sar | nples will be | retur | ned to | clien | nt or d | isposed | ofa | t the clie | nt expe | ense. | The rep | ort for the a | nalysis of the | above | |
| samples is applicable only to those samples re | eceived by the labo | bratory wit | th this COC. The liability of the laboratory is | innited to th | ne am | ount p | baid fo | or on 1 | ne repo | unt. | - | | | | - selia | | | |
| | | | | | | | | 1 | 3 | | - | 0 | | : . | - | 10 | ~ L | - |
| | | | | | | | | 6 | - | (| E | | V | | U | LE | CI | |

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Project Information

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Chain of Custody

Page 2 of 2

| Projecti INT Landform Internation INT Environmental Address: PD 802 2530 Address: PD 802 2530 Internation INT Environmental Address: PD 802 2530 Phone: Environmental Address: PD 802 2530 Internation INT Environmental Address: Phone: Environmental Address: PD 802 2530 Internation INT Environmental Address: Internation Internation Phone: Environmental Address: PD 802 2530 Internation | Client: TNT Environmental | | Bill To | | - | | La | ab Us | e Or | nly | | | | - | TA | AT | | EPA P | rogram | |
|--|--|---|---|-------------------------------------|--------|------------|---------|---------------|----------|------------------------|----------|------------------------------------|-----------------|-----------------|-------------------------|----------|-----------------------------------|---------------|---------------|-----------------|
| Linker, Markel, C. Doravited Adviss, P. Doravied Adviss, P. Doravited | Project: TNT Landfarm | At | tention: <u>TNT Environmental</u> | | Lab | WO | 122 | 7 | Job | Num | ber | 1 | D | 2D | 3D | Sta | andard | CWA | SDWA | |
| City, State, Zu, E-farmington MM872992 Internet | Address: PO Box 2530 | | ty. State. Zip | | E | 404 | 140 | >+ | Anal | vsis a | nd Me | thod | _ | | | | X | | RCRA | - 9,5, |
| Phone: | City, State, Zip Farmington NM 87499 | Ph | none: | | | T | | | | | 1 | | T | | | | | | | 1 202 |
| India Control on the sample in the sample | Phone: | Maria | nail: | | 8015 | 3015 | | | | 0 | 18.1 | | | | | | NIMA CO | State | TVI | - 2 |
| Implete Intel bit | Report due by: | Mane | | | O by I | O by I | 8021 | 8260 | 010 | 300.0 | tod 4 | | | | | | × | UT AL | | |
| III SO 413348 S 1 Cull II Valore II X X X X III X X X X X < | Time Date Sampled Matrix No. of Containers Sampled | le ID | | Lab Number | DRO/OR | GRO/DR | BTEX by | VOC by | Metals 6 | Chloride | EPAmer | | | | | | | Remarks | | 1.00 I |
| 11/40 12 | 11:50 4-23-24 5 2 (| ell 11 | Vacase | 11 | X | X | X | | | X | × | | | | | | | - | | 1 |
| 12:35 Cell 13 Valore 13 K K A Image and the second of the secon | 11:40 C | 1112 | Vacose | 12 | 1 | 1 | X | | | X | 2 | | | | | | | - Land | | |
| 12:35 1 <td>12:25 C</td> <td>11 13</td> <td>Vadose</td> <td>13</td> <td></td> <td></td> <td>X</td> <td></td> <td></td> <td>X</td> <td>A</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | 12:25 C | 11 13 | Vadose | 13 | | | X | | | X | A | | | | | | | | | |
| Additional Instructions: V15, ice [n color -15, 4]278[4] (Held sampler), attest to the validity and authenticity of this sample tage. Can green (Held sampler), attest to the validity and authenticity of this sample tage. Can green (Held sampler), attest to the validity and authenticity of this sample tage. Can green (Held sampler), attest to the validity and authenticity of this sample tage. Can green (Held sampler), attest to the validity and authenticity of this sample tage. Can green (Held sampler), attest to the validity and authenticity of this sample tage. Can green (Held sampler), attest to the validity and authenticity of this sample tage. Can green (Held sampler), attest to the validity and authenticity of this sample tage. Can green (Held sampler), attest to the validity and authenticity of this sample tage. Can green (Held sampler), (Signature) Date Mell Date (Held sampler), (Signature) Date Mell Date (Held sampler), (Signature) Date Mell Date (Held samples by: (Signature) Date Mell Date (Held samples by: (Signature)) Date Mell Particity (Held samples by: (Signature)) Date Mell Parter Particity (Held samples are | 12:35 C | 11 14 | Vadore | 14 | 1 | 1 | X | | | × | -4 | | | | | | | | | |
| Additional Instructions: VIS, ice in coales - y, 4/17/20 (field sampler), stess to the validity and authenticity of this sample 1 are aware that compening with or intentionally mislabeling the sample location. ate or time of collection is considered fraid and may be grounds for legal action. Samplet by: City Green lefinquished by: (Signature) Date Inne Received by: (Signature) Date Received by: (Signature) Date Inne Received by: (Signature) Date Received by: (Signature) Received Difter Received by: (Signature) Received Difter Received Difter Receiv | | | | 1 35.00 | | | | | | | (| | - | | | | | | | of 29 |
| Additional Instructions: VIS, joe in cooler VIS | | | | - | | | | | | | | | | | | | | | | 29 0 |
| Additional Instructions: VIS, ice in columnation of the sample 1 and a same that tampering with or intentionally mislabeling the sample location, and the sample of th | | | | | | | | | | | (| | | | | | | in days | | Page |
| Additional Instructions: VIS. joe in columon -y 4/173/42 (Field sampler), attest to the validity and authenticity of this sample - Tam aware that tampering with or intentionally mislabeling the sample location. ate or time of collection is considered faud and may be grounds for legal action. Sampled by: Clav Green letinquished by (Signature) Date Time Received by: (Signature) Date Time Received Date Received | | | | | | | 1.23 | | | | 1 | | _ | | | | | 1 | | |
| Additional Instructions: VIS. ice in color - y q/z/ld Additional Instructions: VIS. ice in color - y q/z/ld . (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location. Samplet requiring the M-arcardum must be received on ice the day they are sampled or general atte or time of collection is considered fraud and may be grounds for legal action. Samplet by: (Signature) Samplet by: (Signature) Samplet by: (Signature) Date Imme Received by: (Signature) Date Imme Imme Imme No No <td></td> <td>-</td> <td></td> <td></td> | | | | | | | | | | | | | | | | | | - | | |
| Additional Instructions: VIS, jce in colum -y 4/23/04 4/23/47/47 (field sampler), attest to the validity and authenticity of this sample. Lam aware that tampering with or intentionally mislabelling the sample location, samples requiring them-berservation must be received on ice the day they are sampled or (deived packed in ice at an avy temp above 0 but less than 5 °C on subsequent days. tellinquished by (Signature) Date Time Cay Green tellinquished by: (Signature) Date Time Received by: (Signature) Date tellinquished by: (Signature) Date Time Time Time tellinquished by: (Signature) Date Time Time Time ample Matrix: 5 - Soil, 5d - Soil, 5g - Sludge, A - Aqueous, 0 - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA lote: 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 amples 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. | | | | | | | 1 | | | | 1 | | | | | | | | | |
| (field sampler), attest to the validity and authenticity of this sample. Law aware that tampering with or intentionally mislabelling the sample location, Samples requiring thermelenservation must be received on ice the day they are sampled or delived packed in ice at an ay temp above 0 but less than 6°C on subsequent days. tellinquished by: (Signature) Date Time Received by: (Signature) Date Time Lab Use Only tellinquished by: (Signature) Date Time Received by: (Signature) Date Time Image: Consumer of Consumer | Additional Instructions: VIS. ice in coola | -13 4/28/29 | | | | | | | | | 1 | Ad | L | 4 | 12 | 3/2 | 240 | er.C | .oure | en |
| Received by (Signature) Date Time Received by: (Signature) Date Time Lab Use Only Received by: (Signature) Date Time Received by: (Signature) Date Time T1 T2 T3 Received by: (Signature) Date Time Received by: (Signature) Date Time T1 T2 T3 Received 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 amples 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. Container type: g - glass. p - poly/plastic, ag - amber glass, v - VOA | I, (field sampler), attest to the validity and authenticity of this date or time of collection is considered fraud and may be gro | ample I am aware the ids for legal action. | at tampering with or intentionally mislabellin Sampled by: Clay Gree | ng the sample lo | cation | ١. | | | Sampl | es requi d in ice i | ring the | ri nal p res temp ab | ervati ove 0 | on mu but le | ist be rec ss than 6 | ceived o | on ice the day t subsequent da | they are samp | ed or Oceived | |
| Relinquished by: (Signature) Date Time Received by: (Signature) Date Time T1 T2 T3 telinquished by: (Signature) Date Time Received by: (Signature) Date Time T1 T2 T3 ample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | Relinquished by (Signature) Date | 24 Time 4 10 | Received by: (Signature) | Date 04/23/2 | 4 | Time [4 | :12 | | Rec | eived | on id | :e: | La | b Us | se On | ly | | 1.7.11 | | |
| Relinquished by: (Signature) Date Time AvG Temp °C4.0 ample Matrix: S - Soil, Sd - Soild, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA Jote: 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 amples 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. | Relinquished by: (Signature) Date | Time | Received by: (Signature) | Date | | Time | | | T1 | | | J | 2 | | | | тз | | | |
| image Matrix: S - Soil, Sd - Soild, Sg - Sludge, A - Aqueous, O - Other Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA vote: 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 amples 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. Image: Size of the client expense 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. Image: Size of the client expense 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. | Relinquished by: (Signature) Date | Time | Received by: (Signature) | Date | | Time | | | AVO | Ten | D° qu | 4.0 |) | | | | | | | |
| 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 amples 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. | Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O | Other | | Container | Туре | e: g - (| glass, | p - pc | oly/p | lastic, | ag - a | mber | glass | s, v - | VOA | | | 1912 | | 1 |
| C envirotech | Note: Samples are discarded 30 days after results are r samples is applicable only to those samples received b | orted unless other | arrangements are made. Hazardous s | amples will be is limited to the | retur | rned to | clien | nt or di | isposi | ed of a | it the o | lient e | kpen | se. | The re | port fo | or the analy | ysis of the a | bove | - |
| | | | | | | | | 6 | 3 | | e | n | 1 | V | i | r | ot | e | ch | J of a a 17 agr |



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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

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Envirotech Web Address: www.envirotech-inc.com





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Sample Summarv

| | | Sample Sum | mai y | | |
|----------------------|---------------|------------------|------------------|----------|------------------|
| TNT Environmental | | Project Name: | TNT Landfarm 2nd | d Vadose | Reported: |
| PO Box 2530 | | Project Number: | 17009-C-0001 | | 08/07/24 08.46 |
| 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. |



| | S | Sample D | ata | | | | |
|--|---|--------------------------------------|------------------------------------|----------|----------|----------------|--|
| TNT Environmental PO Box 2530 Farmington NM, 87499 | Project Nam Project Num Project Man | ne: TNT nber: 1700 nager: Clay | Г Landfarm 09-С-0001 у Green | 2nd Va | dose | | Reported: 8/7/2024 8:46:22AM |
| | | Cell 1 Vadose | ; | | | | |
| | | E407254-01 | | | | | |
| Analyte | Result | Reporting Limit | Dilu | ıtion | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Analyst: RKS | | | Batch: 2431106 | |
| Benzene | ND | 0.0250 | 1 | 1 | 08/01/24 | 08/02/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 1 | 08/01/24 | 08/02/24 | |
| Toluene | ND | 0.0250 | 1 | 1 | 08/01/24 | 08/02/24 | |
| o-Xylene | ND | 0.0250 | 1 | 1 | 08/01/24 | 08/02/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 1 | 08/01/24 | 08/02/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 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 | 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 | 1 | 08/01/24 | 08/01/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 1 | 08/01/24 | 08/01/24 | |
| Surrogate: n-Nonane | | 109 % | 50-200 | | 08/01/24 | 08/01/24 | |

Sample Data

| | | L | | | | |
|--|---------------|---------------|-----------|---------------|----------|--------------------|
| TNT Environmental | Project Name: | TNT | Landfarm | 2nd Vadose | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | ger: Clay | Green | | | 8/7/2024 8:46:22AM |
| | C | cell 2 Vadose | | | | |
| | | E407254-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilu | tion Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | 1 | 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 | 1 | 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 | 1 | 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

| | | ···I•• — | | | | | |
|--|---------------|---------------|-----------|--------------|----------|----------------|--------------------|
| TNT Environmental | Project Name: | : TNT | Landfarm | 1 2nd Va | dose | | |
| PO Box 2530 | Project Numb | er: 1700 | 09-C-0001 | | | | Reported: |
| Farmington NM, 87499 | Project Manag | ger: Clay | Green | | | | 8/7/2024 8:46:22AM |
| | (| Cell 3 Vadose | | | | | |
| | | E407254-03 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | 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

| | | I | | | | | |
|--|---------------|---------------|-----------|--------------|----------|----------------|--------------------|
| TNT Environmental | Project Name: | TNT | Landfarm | n 2nd Va | dose | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-C-0001 | | | | Reported: |
| Farmington NM, 87499 | Project Manag | ger: Clay | Green | | | | 8/7/2024 8:46:22AM |
| | C | Cell 4 Vadose | | | | | |
| | | E407254-04 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | 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 | Project Name | : TN1 | Landfarm | 2nd Vadose | | |
|--|--------------|---------------|-----------|---------------|----------|--------------------|
| PO Box 2530 | Project Numb | ber: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | ger: Clay | / Green | | | 8/7/2024 8:46:22AM |
| | (| Cell 5 Vadose | : | | | |
| | | E407254-05 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilu | tion 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 | n 2nd Va | dose | | |
| PO Box 2530 | Project Numb | er: 1700 | 09-C-0001 | | | | Reported: |
| Farmington NM, 87499 | Project Mana | ger: Clay | Green | | | | 8/7/2024 8:46:22AM |
| | (| Cell 6 Vadose | | | | | |
| | | E407254-06 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | 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

| | | ···I•• | | | | |
|--|---------------|---------------|-----------|---------------|----------|--------------------|
| TNT Environmental | Project Name: | : TNT | Landfarm | 2nd Vadose | | |
| PO Box 2530 | Project Numb | er: 1700 |)9-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | ger: Clay | Green | | | 8/7/2024 8:46:22AM |
| | (| Cell 7 Vadose | | | | |
| | | E407254-07 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilut | tion Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | A | 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 | A | 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 | I | 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

| | | I | | | | | |
|--|---------------|--------------|-----------|--------------|----------|----------|--------------------|
| TNT Environmental | Project Name: | TNT | Landfarm | a 2nd Vac | lose | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-C-0001 | | | | Reported: |
| Farmington NM, 87499 | Project Manag | er: Clay | Green | | | | 8/7/2024 8:46:22AM |
| | C | ell 8 Vadose | | | | | |
| | | E407254-08 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dil | ution | 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

| | | I I | | | | |
|--|---------------|--------------|------------|--------------|----------|--------------------|
| TNT Environmental | Project Name: | TNT | Landfarm 2 | nd Vadose | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | er: Clay | Green | | | 8/7/2024 8:46:22AM |
| | С | ell 9 Vadose | | | | |
| | | E407254-09 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilutio | on Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | A | 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 | A | nalyst: 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 | A | nalyst: 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

| | | L | | | | | |
|--|---------------|---------------|-----------|------------|----------|----------|--------------------|
| TNT Environmental | Project Name: | TNI | Landfarm | 2nd Vad | ose | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-C-0001 | | | | Reported: |
| Farmington NM, 87499 | Project Manag | er: Clay | Green | | | | 8/7/2024 8:46:22AM |
| | C | ell 10 Vadose | 9 | | | | |
| | | E407254-10 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilı | ution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: F | 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: F | 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: k | KΜ | | 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

| | | I. | | | | |
|--|---------------|---------------|------------|--------------|----------|--------------------|
| TNT Environmental | Project Name: | : TNT | Landfarm 2 | 2nd Vadose | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | ger: Clay | Green | | | 8/7/2024 8:46:22AM |
| | С | ell 11 Vadose | e | | | |
| | | E407254-11 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Diluti | ion Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | А | 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 | А | 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 | А | 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

| | | I | | | | |
|--|---------------|---------------|------------|--------------|----------|--------------------|
| TNT Environmental | Project Name: | TNT | Landfarm 2 | nd Vadose | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-C-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | ger: Clay | Green | | | 8/7/2024 8:46:22AM |
| | С | ell 12 Vadose | 9 | | | |
| | | E407254-12 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilutio | on Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Aı | 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 | Aı | nalyst: 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 | Aı | nalyst: 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

| | | L | | | | | | | | | | |
|--|---------------|---------------|-----------|---------------|----------------|--------------------|--|--|--|--|--|--|
| TNT Environmental | Project Name: | TNT | Landfarm | | | | | | | | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-C-0001 | | | Reported: | | | | | | |
| Farmington NM, 87499 | Project Manag | er: Clay | Green | | | 8/7/2024 8:46:22AM | | | | | | |
| | C | ell 13 Vadose | 9 | | | | | | | | | |
| E407254-13 | | | | | | | | | | | | |
| | | Reporting | | | | | | | | | | |
| Analyte | Result | Limit | Dilu | tion 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

| | | L | | | | | | | | | | |
|--|---------------|---------------|--------------|--------------|----------|--------------------|----------------|--|--|--|--|--|
| TNT Environmental | Project Name: | TNI | Landfarm | | | | | | | | | |
| PO Box 2530 | Project Numbe | er: 1700 | 17009-C-0001 | | | | Reported: | | | | | |
| Farmington NM, 87499 | Project Manag | er: Clay | Green | | | 8/7/2024 8:46:22AM | | | | | | |
| | Ce | ell 14 Vadose | 9 | | | | | | | | | |
| E407254-14 | | | | | | | | | | | | |
| | | Reporting | | | | | | | | | | |
| Analyte | Result | Limit | Dilu | ition I | Prepared | Analyzed | Notes | | | | | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | | Analyst: RKS | | | Batch: 2431106 | | | | | |
| Benzene | ND | 0.0250 | 1 | 1 (| 08/01/24 | 08/02/24 | | | | | | |
| Ethylbenzene | ND | 0.0250 | 1 | 1 (| 08/01/24 | 08/02/24 | | | | | | |
| Toluene | ND | 0.0250 | 1 | 1 (| 08/01/24 | 08/02/24 | | | | | | |
| o-Xylene | ND | 0.0250 | 1 | 1 (| 08/01/24 | 08/02/24 | | | | | | |
| p,m-Xylene | ND | 0.0500 | 1 | 1 (| 08/01/24 | 08/02/24 | | | | | | |
| Total Xylenes | ND | 0.0250 | 1 | 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 | 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 | 1 (| 08/01/24 | 08/02/24 | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 1 (| 08/01/24 | 08/02/24 | | | | | | |
| Surrogate: n-Nonane | | 110 % | 50-200 | (| 08/01/24 | 08/02/24 | | | | | | |


QC Summary Data

| | | | | v | | | | | | | |
|----------------------------------|--------|------------------|---------|---------------|------------|--------|-------------|--------------|--------------------|--|--|
| TNT Environmental | | Project Name: | T | NT Landfarm 2 | 2nd Vadose | | | | Reported: | | |
| PO Box 2530 | | Project Number: | 17 | 7009-C-0001 | | | | | | | |
| Farmington NM, 87499 | | Project Manager: | Cl | Clay Green | | | | | 8/7/2024 8:46:22AM | | |
| | | Volatile Organic | c Compo | unds by EP. | A 8260B | | | Analyst: RKS | | | |
| Analyte | | Reporting | Spike | Source | | Rec | | RPD | | | |
| | Result | Limit | Level | Result | Rec | Limits | RPD | Limit | | | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes | | |
| Blank (2431106-BLK1) | | | | | | | Prepared: 0 | 8/01/24 A | nalyzed: 08/01/24 | | |
| Benzene | ND | 0.0250 | | | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | | | |
| oluene | ND | 0.0250 | | | | | | | | | |
| p-Xylene | ND | 0.0250 | | | | | | | | | |
| o,m-Xylene | ND | 0.0500 | | | | | | | | | |
| fotal 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 | | | | | |
| Sumoosto, Tolumo 49 | 0.471 | | 0.500 | | 100 | 70-130 | | | | | |
| urrogate: 10tuene-as | 0.501 | | 0.500 | | 100 | 70-150 | | | | | |
| LCS (2431106-BS1) | | | | | | | Prepared: 0 | 8/01/24 A | nalyzed: 08/01/24 | | |
| enzene | 2.40 | 0.0250 | 2.50 | | 95.9 | 70-130 | | | | | |
| thylbenzene | 2.58 | 0.0250 | 2.50 | | 103 | 70-130 | | | | | |
| oluene | 2.41 | 0.0250 | 2.50 | | 96.2 | 70-130 | | | | | |
| -Xylene | 2.58 | 0.0250 | 2.50 | | 103 | 70-130 | | | | | |
| ,m-Xylene | 5.15 | 0.0500 | 5.00 | | 103 | 70-130 | | | | | |
| otal Xylenes | 7.73 | 0.0250 | 7.50 | | 103 | 70-130 | | | | | |
| urrogate: Bromofluorobenzene | 0.510 | | 0.500 | | 102 | 70-130 | | | | | |
| urrogate: 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: I | E407254-03 | 3 | Prepared: 0 | 8/01/24 A | analyzed: 08/01/24 | | |
| Benzene | 2.23 | 0.0250 | 2.50 | ND | 89.3 | 48-131 | | | | | |
| thylbenzene | 2.37 | 0.0250 | 2.50 | ND | 94.7 | 45-135 | | | | | |
| Toluene | 2.21 | 0.0250 | 2.50 | ND | 88.2 | 48-130 | | | | | |
| -Xylene | 2.46 | 0.0250 | 2.50 | ND | 98.2 | 43-135 | | | | | |
| ,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 | | | | | |
| urrogate: Bromofluorobenzene | 0.523 | | 0.500 | | 105 | 70-130 | | | | | |
| urrogate: 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: I | E407254-03 | 3 | Prepared: 0 | 8/01/24 A | nalyzed: 08/01/24 | | |
| Benzene | 2.31 | 0.0250 | 2.50 | ND | 92.6 | 48-131 | 3.65 | 23 | | | |
| thylbenzene | 2.49 | 0.0250 | 2.50 | ND | 99.8 | 45-135 | 5.18 | 27 | | | |
| oluene | 2.32 | 0.0250 | 2.50 | ND | 92.7 | 48-130 | 5.02 | 24 | | | |
| -Xylene | 2.56 | 0.0250 | 2.50 | ND | 102 | 43-135 | 4.03 | 27 | | | |
| o,m-Xylene | 5.10 | 0.0500 | 5.00 | ND | 102 | 43-135 | 3.86 | 27 | | | |
| lotal Xylenes | 7.66 | 0.0250 | 7.50 | ND | 102 | 43-135 | 3.91 | 27 | | | |
| Gurrogate: Bromofluorobenzene | 0.522 | | 0.500 | | 104 | 70-130 | | | | | |
| urrogate: 1.2-Dichloroethane-d4 | 0 464 | | 0.500 | | 92.8 | 70-130 | | | | | |
| Sumogato: Toluono do | 0.707 | | 0 500 | | 99.8 | 70-130 | | | | | |
| surrogaie: 10iuene-as | 0.499 | | 0.500 | | 77.0 | /0-150 | | | | | |



QC Summary Data

| | | ` | | J | | | | | | |
|----------------------------------|--------|----------------------------------|----------------|----------------------------|-----------|---------------|-------------|--------------------|--------------------|--|
| TNT Environmental PO Box 2530 | | Project Name: Project Number: | T 1 | NT Landfarm 7009-C-0001 | 2nd Vados | e | | | Reported: | |
| Farmington NM, 87499 | | Project Manager: | C | lay Green | | | | 8/7/2024 8:46:22AN | | |
| | No | onhalogenated O | rganics | by EPA 801 | 15D - GI | RO | | | Analyst: RKS | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes | |
| Blank (2431106-BLK1) | | | | | | | Prepared: 0 | 8/01/24 A | 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: 0 | 8/01/24 A | 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: 0 | 8/01/24 A | 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: 0 | 8/01/24 A | 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

| | | | | J – | - | | | | |
|----------------------------------|--------|----------------------------------|----------------|--------------------------------|-----------|---------------|-------------|--------------|--------------------|
| TNT Environmental PO Box 2530 | | Project Name: Project Number: | | TNT Landfarm 2 17009-C-0001 | 2nd Vados | se | | | Reported: |
| Farmington NM, 87499 | | Project Manager: | | Clay Green | | | | | 8/7/2024 8:46:22AM |
| | Nonh | alogenated Org | anics b | y EPA 8015D | - DRO | /ORO | | | Analyst: KM |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2431110-BLK1) | | | | | | | Prepared: 0 | 8/01/24 A | nalyzed: 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: 0 | 8/01/24 A | nalyzed: 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: 0 | 8/01/24 A | nalyzed: 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: 0 | 8/01/24 A | nalyzed: 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.



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

| porting limit |
|---------------|
| ĺ |

- 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.



| Client: | TNT Env | ironn | nental | | | | Bill To | | | | ها ا | ab Us | e On | ly | 4 | | | TAT | | EPA | Program |
|--|----------------------------------|-----------------------|---------------------|-----------------------------|---|-------------------------------------|---|--|-----------------------|------------|---------|--|------------------|-------------------------|---------------------------|------------------------|--------------------------|--------------------------|---|----------------|-------------|
| Project: Project N | TNT La lanager: | ndfar <u>Cla</u> | m2 ay <u>Gre</u> | 2nd Vado en | se | | Attention: TNT Environmenta Address: PO Box 2530 | ļ | Lab E ^l | wo# | 25 | 4 | 1001 | Numb | oer • C-00 | 1D | 1D 2D 3D 5 | | Standard X | CWA | SDWA |
| City, Sta | e, Zip F | <u>x 253</u> armir | su | NM 8749 | 9 | | Phone: | | | | | <u> </u> | Analy | /sis ar | nd Metho | | | | | | |
| Phone: | | | | | _ | | Email: | | 5 | 15 | | | | | - | | | | | State | |
| Email: Report d | Clay@wa Je by: | lshen | ng.net, | , Shawna | , Arleen, Ma | rie | | | O by 80 | O by 80: | 8021 | 3260 | 010 | 300.0 | hod 418 | | | | | UT A | Z TX |
| Time Sampled | Date Sampled | Ма | ətrix | No. of Containers | Sample ID | | | Lab Number | DRO/OR | GRO/DR | BTEX by | VOC by 8 | Metals 6 | Chloride | EPA met | | | | | Remark | s |
| 1040 | 7-3H) | | 5 | 1 | | | Cell 1 Vadose | | X | X | X | | | | | | | | | Onlice | |
| 1049 | | | | { | | | Cell 2 Vadose | 2 | X | X | х | | | | | | | | | Onice | |
| 038 | | | | | | | Cell 3 Vadose | 3 | x | X | Х | | | | | | | | | Onlice | |
| 1106 | | | | | | | Cell 4 Vadose | 4 | X | X | X | | | | | | | | | On ice | |
| 116 | | | | | | | Cell 5 Vadose | 5 | x | X | х | | | | | | | | | On Ice | |
| 1125 | | | | | | | Cell 6 Vadose | 6 | X | X | X | | | | | | | | | On Ice | |
| 1133 | | | | | | _ | Cell 7 Vadose | 2 | x | X | X | | | | | | | | | On Ice | |
| 1221 | | | | | | | Cell 8 Vadose | 8 | X | х | х | | | | | | | | | On ice | |
| 12:33 | | | | | | | Cell 9 Vadose | 9 | X | х | х | | | | | | | | | On Ice | |
| 1146 | | | | L | | | Cell 10 Vadose | 10 | X | х | X | | | | | | | | | On Ice | - |
| ddition | al Instruc | tions | s: | | | | | | | | | | | | | | | | | | |
| (field samp ate or time | ler), attest to of collection | the va | lidity an | d authentici raud and ma | ty of this sample. by be grounds for | I am aware that ta legal action. | mpering with or intentionally mislabelling the sam Sampled by: <u>Clay</u> Gre | ple location, | | | | | Sample packed | es requiri In ice at | ing thermal an avg tem | preservat p above 0 | ion must l but less t | be receive han 6 °C o | d on ice the day the n subsequent day: | ey are sampled | or received |
| letinquish | | nure) | | Date | 31- 11 | 15:0 | S Beceived by: (Signature) | Date 7/3 | 24 | Time IS | 30 | 5 | Rece | eived | on ice: | R | ab Us (N | e Only | | | |
| elinquishe | duby: (Sign: | iture) | | Date | Tir | ne | Received by: (Signature) | Date Time 11 | | | | | | | | | | | | | |
| elinguishe | d by: (Signa | iture) | | Date | Tir | ne | Received by: (Signature) | ed by: (Signature) Date Time AVG Temp °C | | | | 이 관련하다. 1911년 - 1913년 - 1913년 - 1913년 - 1913년 1913년 - 1913년 - 1 1913년 - 1913년 - 1913년 1913년 - 1913년 - | | | | | | | | | |
| Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other | | | | Containe | Type | a - al | 200 0 | . nol | whole | etic a | a amh | v daei | N | אר 🔤 | | | | | | | |

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.

Released to Imaging: 7/3/2025 10:33:21 AM

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| | | | | | | | | | | | | | _ | | | | | | | | | | | | | | |
|---|-------------------------------------|---------------------|----------------------|---------------------------------|-----------------------|-------------------|-------------|-------------|------------------|------------------|------------------|----------|------------|----------|----------|----------|------------------|---------------------|-----------------------|-------------|---------------------|---------------------|---------------------------------------|--------------------|---------------------------------------|----------------|------------|
| Client: | TNT Envi | onmenta | l | | | - | | | Bi | ll To | | | | | Lab | Use | Onl | y - | | rt in Du | | | TA | T | | EPA P | rogram |
| Project: | TNT_Lan | dfarm | 2nd Vado | se | | - 1 | Attentio | on: | TNT Envi | ironmental | | Lab | WÓ | # | | 1 | ob N | umb | er | | 1D | 2D | 3D | St | andard | CWA | SDWA |
| Project N | lanager: | Clay Gr | een | | | 11 A. | Addres | s: | PO Box 2 | <u>2530</u> | | E | 40 | 1 | 54 | <u>ן</u> | 700 | 9-(| ,00 | 01 | | | | | X | | <u> </u> |
| Address | PO Boy | 2530 | | | | | City, St | ate, Zip |) | | | | - <u>-</u> | | | <u>_</u> | nalys | sis an | d Me | hod | | r | | | | | RCRA |
| City, Sta | te, Zip Fa | rmington | NM 8749 | 9 | | | Phone: | | | | | | | 1 | | | | | | | | | | | | | |
| Phone: | | | | _ | | | Email: | | | | | 15 | 135 | | | | | | = | | | | | | | State | |
| Email: | Clay@wal | sheng.ne | t, Shawna | , Arleen, M | arie | _ | | | | | | 8 | 0 A 80 | | : ; | | . | 8 | 141 | | • | | | | NM CO | | |
| Report d | ue by: | | | <u></u> | | | L | | | | | Ē | 1 g | 18 | | | 80 | 6 30 | <u>ä</u> tto | | | | | | × | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | Sample ID | | | | | | | Lab Number | DRO/O | GRO/D | BTEX b | | | Metats | Chloric | EPA m | | | | | | | Remarks | |
| 1207 | 73FJ2 | S | 1 | | | С | ell 11 Va | idose | | | 11 | Х | X | X | (| | | | | | | | | | | Ontec | |
| 1159 | | 1 | | | | C | ell 12 Va | dose | | | 12 | x | X | X | (| | | | | | | | | | | On Ice | |
| 1244 | | | | | | С | ell 13 Va | dose | 10 00 | | 13 | X | X | X | (| | | | | | | | | | | Onlice | · · · · · |
| 1255 | | à | | | | С | ell 14 Va | dose | | | 14 | X | X | X | (| | | | | | | | | | | On Ice | |
| | | | | | | | | | | | | | Γ | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | Γ | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | - | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | _ | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Addition | al Instruc | tions: | | | | | | | | | | | | | | | | | | | | | | | · | | |
| I, (field sam date or time | oler), attest to of collection i | the validity a | nd authentici | ty of this samp be grounds f | ile. I am awar | e that tamp n. | pering with | or intentio | nally mislat | belling the samp | e location, | | | | | Sa pa | mples icked i | requiri n ice at | ng therm an avg ti | al pres | servatio ove 0 b | on must out less | be recen than 6 °C | ved on i on sul | ice the day they bsequent days. | are sampled or | r received |
| Relinquist | toy: (signa | ture | Date | 31-24 | Time K | 5 | Re | ceived by | r: (Signatur | | Date | 24 | Time | ÷(` | 5 | | ecel | ived | nn icu | » (| | ab Us N | e On | ly | | | |
| Relinquish | er by: (Signa | ture) | Date | | Time | | Rei | ceived by | r: (Signatur | | Date | <u> </u> | Time | | | T | 1 | | | | ン 12 | | A A A A A A A A A A A A A A A A A A A | | T3 | | |
| Relinquished by: (Signature) Date Time Received by: (Signature) | | | | ie) | Date Time AVG Temp °C | | | | | | | | | | | | | | | | | | | | | | |
| Sample Mat | rix: S - Soil, Sd | - Solid, Sg - | Sludge, A - Ac | ueous, O - Oti | ner | | | | | | Containe | r Type | e: g - g | lass | s, p - p | oly/ | plas | tic, a | g - am | ber g | glass, | , v - V | DA | | · · · · · · · · · · · · · · · · · · · | ····· | |
| Note: Sam | oles are disc | arded 30 da | ys after resu | ilts are repor | ted unless of | ther arran | gements a | are made. | . Hazardo | us samples wi | l be returned to | client | t or dis | pose | ed of a | t the | clien | t expe | nse. | The re | eport | for the | analy | sis of | the above sa | mples is ar | oplicable |
| only to tho | e samples r | eceived by I | the laborato | y with this C | OC. The liabi | itity of the | laboratory | y is limite | d to the an | nount paid for | on the report. | | | | | | | | | | | | | | | | |

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Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| | TNT Environmental D | ate Received: | 07/31/24 15 | :05 | | Work Order ID: | E407254 |
|--|---|----------------------------|-------------|-----------------|------------|----------------|---------------|
| Phone: | (505) 860-6215 D | ate Logged In: | 07/31/24 15 | :38 | | Logged In By: | Noe Soto |
| Email: | clay@walsheng.net D | ue Date: | 08/07/24 17 | :00 (5 day TAT) | | | |
| <u>Chain o</u> | f 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: (| Clay Green | | |
| 4. Was th | he COC complete, i.e., signatures, dates/times, requested | l analyses? | Yes | _ | | | |
| 5. Were | all samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion. | e field, | Yes | | | Commen | ts/Resolution |
| Sample | <u>Turn Around Time (TAT)</u> | | | | | | |
| 6. Did th | e COC indicate standard TAT, or Expedited TAT? | | Yes | | | | |
| Sample | <u>Cooler</u> | | | | | | |
| 7. Was a | sample cooler received? | | Yes | | | | |
| 8. If yes | , was cooler received in good condition? | | Yes | | | | |
| 9. Was th | he sample(s) received intact, i.e., not broken? | | Yes | | | | |
| 10. Were | e custody/security seals present? | | No | | | | |
| 11. If ye | s, were custody/security seals intact? | | NA | | | | |
| 12. Was t | he sample received on ice? If yes, the recorded temp is 4°C, i.e. Note: Thermal preservation is not required, if samples are re minutes of complian | ., 6°±2°C ceived w/i 15 | Yes | | | | |
| 13. If no | visible ice, record the temperature. Actual sample ter | nperature: 4° | °C | | | | |
| Samula | Container | | | | | | |
| 14 Are: | aqueous VOC samples present? | | No | | | | |
| 15. Are | VOC samples collected in VOA Vials? | | NA | | | | |
| 16. Is the | e head space less than 6-8 mm (nea sized or less)? | | NA | | | | |
| 17 Was | a trip blank (TB) included for VOC analyses? | | NA | | | | |
| 18. Are 1 | non-VOC samples collected in the correct containers? | | Ves | | | | |
| 19. Is the | appropriate volume/weight or number of sample containers | s collected? | Yes | | | | |
| Field I s | bel | | | | | | |
| 20. Were | e field sample labels filled out with the minimum inform | ation: | | | | | |
| | Sample ID? | | Yes | | | | |
| J | Date/Time Collected? | | Yes | | | | |
| (| Collectors name? | | No | | | | |
| <u>Sample</u> | Preservation | | | | | | |
| 21. Does | s the COC or field labels indicate the samples were press | erved? | No | | | | |
| 22. Are | sample(s) correctly preserved? | 1.0 | NA | | | | |
| 24. Is la | o filteration required and/or requested for dissolved meta | ais? | No | | | | |
| Multiph | ase Sample Matrix | | | | | | |
| | s the sample have more than one phase, i.e., multiphase? | | No | | | | |
| 26. Does | s, does the COC specify which phase(s) is to be analyze | d? | NA | | | | |
| 26. Does 27. If ye | | | | | | | |
| 26. Does 27. If ye Subcont | tract Laboratory | | | | | | |
| 26. Does 27. If ye <u>Subcont</u> 28. Are : | samples required to get sent to a subcontract laboratory? | | No | | | | |

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



envirotech Inc.

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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 3rd Vadose

Work Order: E410367

Job Number: 17009-0001

Received: 10/29/2024

Revision: 3

Report Reviewed By:

Walter Hinchman Laboratory Director 11/7/24

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: 11/7/24

Clay Green PO Box 2530 Farmington, NM 87499

Project Name: TNT Landfarm 3rd Vadose Workorder: E410367 Date Received: 10/29/2024 2:18:00PM

Clay Green,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 10/29/2024 2:18:00PM, under the Project Name: TNT Landfarm 3rd Vadose.

The analytical test results summarized in this report with the Project Name: TNT Landfarm 3rd 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 reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

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

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

Respectfully,

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Sample Summary

| | | Sample Sum | mar y | | |
|----------------------|---------------|------------------|------------------|----------|------------------|
| TNT Environmental | | Project Name: | TNT Landfarm 3rd | Vadose | Reported: |
| PO Box 2530 | | Project Number: | 17009-0001 | | |
| Farmington NM, 87499 | | Project Manager: | Clay Green | | 11/07/24 12:55 |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| Cell 1 Vadose | E410367-01A | Soil | 10/29/24 | 10/29/24 | Glass Jar, 2 oz. |
| Cell 2 Vadose | E410367-02A | Soil | 10/29/24 | 10/29/24 | Glass Jar, 2 oz. |
| Cell 3 Vadose | E410367-03A | Soil | 10/29/24 | 10/29/24 | Glass Jar, 2 oz. |
| Cell 4 Vadose | E410367-04A | Soil | 10/29/24 | 10/29/24 | Glass Jar, 2 oz. |
| Cell 5 Vadose | E410367-05A | Soil | 10/29/24 | 10/29/24 | Glass Jar, 2 oz. |
| Cell 6 Vadose | E410367-06A | Soil | 10/29/24 | 10/29/24 | Glass Jar, 2 oz. |
| Cell 7 Vadose | E410367-07A | Soil | 10/29/24 | 10/29/24 | Glass Jar, 2 oz. |
| Cell 8 Vdose | E410367-08A | Soil | 10/29/24 | 10/29/24 | Glass Jar, 2 oz. |
| Cell 9 Vadose | E410367-09A | Soil | 10/29/24 | 10/29/24 | Glass Jar, 2 oz. |
| Cell 10 Vadose | E410367-10A | Soil | 10/29/24 | 10/29/24 | Glass Jar, 2 oz. |
| Cell 11 Vadose | E410367-11A | Soil | 10/29/24 | 10/29/24 | Glass Jar, 2 oz. |
| Cell 12 Vadose | E410367-12A | Soil | 10/29/24 | 10/29/24 | Glass Jar, 2 oz. |
| Cell 13 Vadose | E410367-13A | Soil | 10/29/24 | 10/29/24 | Glass Jar, 2 oz. |
| Cell 14 Vadose | E410367-14A | Soil | 10/29/24 | 10/29/24 | Glass Jar, 2 oz. |



| Sample Data | | | | | | | | | | | |
|--|--------------|---------------|-------------|------------|----------|----------------------|--|--|--|--|--|
| TNT Environmental | Project Name | :: TNI | Landfarm 3r | d Vadose | | | | | | | |
| PO Box 2530 | Project Numb | ber: 1700 | 09-0001 | | | Reported: | | | | | |
| Farmington NM, 87499 | Project Mana | ger: Clay | Green | | | 11/7/2024 12:55:08PM | | | | | |
| | (| Cell 1 Vadose | | | | | | | | | |
| | | E410367-01 | | | | | | | | | |
| | | Reporting | | | | | | | | | |
| Analyte | Result | Limit | Dilutio | n Prepared | Analyzed | Notes | | | | | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | An | alyst: IY | | Batch: 2444128 | | | | | |
| Benzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | | | | | | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | | | | | | |
| Toluene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | | | | | | |
| o-Xylene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | | | | | | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/31/24 | 11/04/24 | | | | | | |
| Total Xylenes | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | | | | | | |
| Surrogate: Bromofluorobenzene | | 99.1 % | 70-130 | 10/31/24 | 11/04/24 | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.9 % | 70-130 | 10/31/24 | 11/04/24 | | | | | | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | 10/31/24 | 11/04/24 | | | | | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | An | alyst: IY | | Batch: 2444128 | | | | | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/31/24 | 11/04/24 | | | | | | |
| Surrogate: Bromofluorobenzene | | 99.1 % | 70-130 | 10/31/24 | 11/04/24 | | | | | | |
| Surrogate: 1.2-Dichloroethane-d4 | | 96.9 % | 70-130 | 10/31/24 | 11/04/24 | | | | | | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | 10/31/24 | 11/04/24 | | | | | | |
| Nonhologonated Organias by EDA 9015D DDO/ODO | mg/kg | mo/ko | An | alvst: NV | | Batch: 2444141 | | | | | |
| Nonnaiogenated Organics by EFA 8015D - DRO/ORO | ND | 25.0 | 1 | 10/31/24 | 11/05/24 | Batch. 2 TTTTT | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/31/24 | 11/05/24 | | | | | | |
| Summer to a Neuronal Science State S | T(D) | 102.0/ | 50.200 | 10/21/24 | 11/05/24 | | | | | | |
| Surrogate. n-Ivonane | | 103 % | 30-200 | 10/31/24 | 11/03/24 | | | | | | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | An | alyst: LS | | Batch: 2444133 | | | | | |
| Arsenic | ND | 0.500 | 1 | 10/31/24 | 11/01/24 | | | | | | |
| Barium | 78.0 | 6.25 | 1 | 10/31/24 | 11/01/24 | | | | | | |
| Cadmium | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | | | | | | |
| Calcium | 5320 | 25.0 | 1 | 10/31/24 | 11/01/24 | | | | | | |
| Chromium | 9.78 | 0.500 | 1 | 10/31/24 | 11/01/24 | | | | | | |
| Copper | 3.85 | 0.500 | l | 10/31/24 | 11/01/24 | | | | | | |
| Iron | 9330 | 50.0 | l | 10/31/24 | 11/01/24 | | | | | | |
| Lead | 1.84 | 0.250 | 1 | 10/31/24 | 11/01/24 | | | | | | |
| Magnesium | 2270 | 25.0 | 1 | 10/31/24 | 11/01/24 | | | | | | |
| Manganese | 253 | 2.50 | 10 | 10/31/24 | 11/04/24 | | | | | | |
| Mercury | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | | | | | | |
| Potassium | 957 | 250 | 10 | 10/31/24 | 11/04/24 | | | | | | |
| Selenium | ND | 1.25 | 1 | 10/31/24 | 11/01/24 | | | | | | |
| Silver | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | | | | | | |
| Sodium | 279 | 50.0 | 1 | 10/31/24 | 11/01/24 | | | | | | |
| Zinc | 20.2 | 2.50 | 1 | 10/31/24 | 11/01/24 | | | | | | |



Sample Data

| | | I | | | | |
|---------------------------|------------------|-----------|----------------|----------------------|----------|----------------|
| TNT Environmental | Project Name: | TNT L | andfarm 3rd Va | | | |
| PO Box 2530 | Project Number: | 17009- | 17009-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | 11/7/2024 12:55:08PM | | |
| | Cell | 1 Vadose | | | | |
| | E 41 | 10367-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | | Batch: 2445020 |
| Fluoride | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Chloride | 37.9 | 20.0 | 1 | 11/04/24 | 11/04/24 | |
| Nitrite-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Nitrate-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| o-Phosphate-P | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Sulfate | 226 | 20.0 | 1 | 11/04/24 | 11/04/24 | |



Sample Data

| | 50 | impic D | ata | | | |
|--|-----------------------------|--------------------|--------------|------------|-----------|----------------------|
| TNT Environmental | Project Name: | TNT | Landfarm 3rd | d Vadose | | |
| PO Box 2530 | Project Numbe | Number: 17009-0001 | | | Reported: | |
| Farmington NM, 87499 | Project Manager: Clay Green | | | | | 11/7/2024 12:55:08PM |
| | С | ell 2 Vadose | | | | |
| |] | E410367-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | n Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | An | alyst: IY | | Batch: 2444128 |
| Benzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Toluene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| o-Xylene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/31/24 | 11/04/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 98.4 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | An | alyst: IY | | Batch: 2444128 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 98.4 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | An | alyst: NV | | Batch: 2444141 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/31/24 | 11/05/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/31/24 | 11/05/24 | |
| Surrogate: n-Nonane | | 113 % | 50-200 | 10/31/24 | 11/05/24 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | An | alyst: LS | | Batch: 2444133 |
| Arsenic | ND | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Barium | 75.6 | 6.25 | 1 | 10/31/24 | 11/01/24 | |
| Cadmium | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Calcium | 5460 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Chromium | 10.1 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Copper | 3.78 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Iron | 9100 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Lead | 1.94 | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Magnesium | 2210 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Manganese | 307 | 2.50 | 10 | 10/31/24 | 11/04/24 | |
| Mercury | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Potassium | 818 | 250 | 10 | 10/31/24 | 11/04/24 | |
| Selenium | ND | 1.25 | 1 | 10/31/24 | 11/01/24 | |
| Silver | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Sodium | 212 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Zinc | 19.5 | 2.50 | 1 | 10/31/24 | 11/01/24 | |



Sample Data

| | | T | | | | |
|---------------------------|------------------|-----------|----------------|----------------------|-----------|----------------|
| TNT Environmental | Project Name: | TNT L | andfarm 3rd Va | | | |
| PO Box 2530 | Project Number: | 17009- | 0001 | | Reported: | |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | 11/7/2024 12:55:08PM | | |
| | Cell | 2 Vadose | | | | |
| | E41 | 0367-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst | : DT | | Batch: 2445020 |
| Fluoride | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Chloride | ND | 20.0 | 1 | 11/04/24 | 11/04/24 | |
| Nitrite-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Nitrate-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| o-Phosphate-P | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Sulfate | 145 | 20.0 | 1 | 11/04/24 | 11/04/24 | |



Sample Data

| | 50 | mpic D | ala | | | |
|--|-----------------------------|--------------|----------------|------------|----------|----------------------|
| TNT Environmental | Project Name: | TNT | Г Landfarm 3rd | l Vadose | | |
| PO Box 2530 | Project Numbe | er: 1700 | Reported: | | | |
| Farmington NM, 87499 | Project Manager: Clay Green | | | | | 11/7/2024 12:55:08PM |
| | С | ell 3 Vadose | ! | | | |
| | 1 | E410367-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | n Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Ana | alyst: IY | | Batch: 2444128 |
| Benzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Toluene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| o-Xylene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/31/24 | 11/04/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 97.0 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Ana | alyst: IY | | Batch: 2444128 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 97.0 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Ana | alyst: NV | | Batch: 2444141 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/31/24 | 11/05/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/31/24 | 11/05/24 | |
| Surrogate: n-Nonane | | 113 % | 50-200 | 10/31/24 | 11/05/24 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Ana | alyst: LS | | Batch: 2444133 |
| Arsenic | ND | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Barium | 94.0 | 6.25 | 1 | 10/31/24 | 11/01/24 | |
| Cadmium | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Calcium | 8290 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Chromium | 17.6 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Copper | 8.80 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Iron | 15600 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Lead | 2.84 | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Magnesium | 4240 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Manganese | 461 | 5.00 | 20 | 10/31/24 | 11/04/24 | |
| Mercury | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Potassium | 1920 | 250 | 10 | 10/31/24 | 11/04/24 | |
| Selenium | ND | 1.25 | 1 | 10/31/24 | 11/01/24 | |
| Silver | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Sodium | 163 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Zine | 37.8 | 2.50 | 1 | 10/31/24 | 11/01/24 | |



Sample Data

| | | I | | | | |
|---------------------------|------------------|-----------|----------------|----------------------|----------|----------------|
| TNT Environmental | Project Name: | TNT L | andfarm 3rd Va | | | |
| PO Box 2530 | Project Number: | 17009- | 0001 | Reported: | | |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | 11/7/2024 12:55:08PM | | |
| | Cell | 3 Vadose | | | | |
| | E41 | 10367-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | | Batch: 2445020 |
| Fluoride | 12.4 | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Chloride | 26.9 | 20.0 | 1 | 11/04/24 | 11/04/24 | |
| Nitrite-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Nitrate-N | 5.12 | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| o-Phosphate-P | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Sulfate | 22.0 | 20.0 | 1 | 11/04/24 | 11/04/24 | |



Sample Data

| | 54 | imple D | utu | | | |
|--|--------------------|---------------------------------------|----------|----------|----------------------|----------------|
| TNT Environmental | Project Name: | Project Name: TNT Landfarm 3rd Vadose | | | | |
| PO Box 2530 | Project Number | Project Number: 17009-0001 | | | | |
| Farmington NM, 87499 | Project Manager: C | | Green | | 11/7/2024 12:55:08PM | |
| | C | ell 4 Vadose | | | | |
| | l | E410367-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Analy | vst: IY | | Batch: 2444128 |
| Benzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Toluene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| o-Xylene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/31/24 | 11/04/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 100 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.3 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | yst: IY | | Batch: 2444128 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 100 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.3 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | yst: NV | | Batch: 2444141 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/31/24 | 11/05/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/31/24 | 11/05/24 | |
| Surrogate: n-Nonane | | 103 % | 50-200 | 10/31/24 | 11/05/24 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Analy | yst: LS | | Batch: 2444133 |
| Arsenic | ND | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Barium | 53.4 | 6.25 | 1 | 10/31/24 | 11/01/24 | |
| Cadmium | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Calcium | 3150 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Chromium | 9.16 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Copper | 3.22 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Iron | 8680 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Lead | 1.82 | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Magnesium | 1950 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Manganese | 246 | 2.50 | 10 | 10/31/24 | 11/04/24 | |
| Mercury | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Potassium | 760 | 250 | 10 | 10/31/24 | 11/04/24 | |
| Selenium | ND | 1.25 | 1 | 10/31/24 | 11/01/24 | |
| Silver | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Sodium | 175 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Zinc | 17.2 | 2.50 | 1 | 10/31/24 | 11/01/24 | |
| | | | | | | |



Sample Data

| | | - I | | | | | |
|---------------------------|------------------|------------|-------------------------|----------------------|----------|----------------|--|
| TNT Environmental | Project Name: | TNT L | TNT Landfarm 3rd Vadose | | | | |
| PO Box 2530 | Project Number: | 17009- | 0001 | Reported: | | | |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | 11/7/2024 12:55:08PM | | | |
| | Cell | 4 Vadose | | | | | |
| | E41 | 0367-04 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | | Batch: 2445020 | |
| Fluoride | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| Chloride | ND | 20.0 | 1 | 11/04/24 | 11/04/24 | | |
| Nitrite-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| Nitrate-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| o-Phosphate-P | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| Sulfate | ND | 20.0 | 1 | 11/04/24 | 11/04/24 | | |



Sample Data

| | 50 | imple D | ata | | | |
|--|---------------|---------------------------------------|----------|------------|----------|----------------------|
| TNT Environmental | Project Name: | Project Name: TNT Landfarm 3rd Vadose | | | | |
| PO Box 2530 | Project Numbe | Project Number: 17009-0001 | | | | Reported: |
| Farmington NM, 87499 | Project Manag | er: Clay | Green | | | 11/7/2024 12:55:08PM |
| | С | ell 5 Vadose | | | | |
| | - | E410367-05 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilutior | n Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Ana | ılyst: IY | | Batch: 2444128 |
| Benzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Toluene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| o-Xylene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/31/24 | 11/04/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.3 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Ana | ılyst: IY | | Batch: 2444128 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.3 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Ana | ılyst: NV | | Batch: 2444141 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/31/24 | 11/05/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/31/24 | 11/05/24 | |
| Surrogate: n-Nonane | | 107 % | 50-200 | 10/31/24 | 11/05/24 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Ana | ılyst: LS | | Batch: 2444133 |
| Arsenic | ND | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Barium | 77.3 | 6.25 | 1 | 10/31/24 | 11/01/24 | |
| Cadmium | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Calcium | 4370 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Chromium | 14.5 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Copper | 7.33 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Iron | 13300 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Lead | 2.54 | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Magnesium | 3540 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Manganese | 407 | 2.50 | 10 | 10/31/24 | 11/04/24 | |
| Mercury | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Potassium | 1750 | 250 | 10 | 10/31/24 | 11/04/24 | |
| Selenium | ND | 1.25 | 1 | 10/31/24 | 11/01/24 | |
| Silver | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Sodium | 213 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Zinc | 31.9 | 2.50 | 1 | 10/31/24 | 11/01/24 | |



Sample Data

| | | - I | | | | | |
|---------------------------|------------------|------------|-------------------------|----------------------|----------|----------------|--|
| TNT Environmental | Project Name: | TNT L | TNT Landfarm 3rd Vadose | | | | |
| PO Box 2530 | Project Number: | 17009- | 0001 | Reported: | | | |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | 11/7/2024 12:55:08PM | | | |
| | Cell | 5 Vadose | | | | | |
| | E41 | 0367-05 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst: DT | | | Batch: 2445020 | |
| Fluoride | 6.16 | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| Chloride | 49.1 | 20.0 | 1 | 11/04/24 | 11/04/24 | | |
| Nitrite-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| Nitrate-N | 24.4 | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| o-Phosphate-P | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| Sulfate | 74.9 | 20.0 | 1 | 11/04/24 | 11/04/24 | | |



Sample Data

| | | impic D | aca | | | |
|--|----------------|-----------------------------|----------------|----------|-----------|----------------------|
| TNT Environmental | Project Name: | TNT | Γ Landfarm 3rd | Vadose | | |
| PO Box 2530 | Project Numbe | roject Number: 17009-0001 | | | Reported: | |
| Farmington NM, 87499 | Project Manage | Project Manager: Clay Green | | | | 11/7/2024 12:55:08PM |
| | С | ell 6 Vadose | | | | |
| | 1 | E410367-06 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Anal | lyst: IY | | Batch: 2444128 |
| Benzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Toluene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| o-Xylene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/31/24 | 11/04/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 93.6 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 103 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Ana | lyst: IY | | Batch: 2444128 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 101 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 93.6 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 103 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Ana | lyst: NV | | Batch: 2444141 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/31/24 | 11/05/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/31/24 | 11/05/24 | |
| Surrogate: n-Nonane | | 110 % | 50-200 | 10/31/24 | 11/05/24 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Ana | lyst: LS | | Batch: 2444133 |
| Arsenic | ND | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Barium | 43.6 | 6.25 | 1 | 10/31/24 | 11/01/24 | |
| Cadmium | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Calcium | 1780 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Chromium | 4.85 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Copper | 1.75 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Iron | 5070 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Lead | 1.14 | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Magnesium | 1010 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Manganese | 135 | 2.50 | 10 | 10/31/24 | 11/04/24 | |
| Mercury | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Potassium | 310 | 250 | 10 | 10/31/24 | 11/04/24 | |
| Selenium | ND | 1.25 | 1 | 10/31/24 | 11/01/24 | |
| Silver | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Sodium | 207 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Zinc | 9.27 | 2.50 | 1 | 10/31/24 | 11/01/24 | |
| | | | | | | |



Sample Data

| | | - I | | | | | |
|---------------------------|------------------|------------|-------------------------|----------------------|----------|----------------|--|
| TNT Environmental | Project Name: | TNT L | TNT Landfarm 3rd Vadose | | | | |
| PO Box 2530 | Project Number: | 17009- | 17009-0001 | | | Reported: | |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | 11/7/2024 12:55:08PM | | | |
| | Cell | 6 Vadose | | | | | |
| | E41 | 0367-06 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst | : DT | | Batch: 2445020 | |
| Fluoride | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| Chloride | ND | 20.0 | 1 | 11/04/24 | 11/04/24 | | |
| Nitrite-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| Nitrate-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| o-Phosphate-P | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| Sulfate | 21.7 | 20.0 | 1 | 11/04/24 | 11/04/24 | | |



Sample Data

| | Da | mpic D | ata | | | |
|--|----------------------------|--------------|--------------|----------|----------------------|----------------|
| TNT Environmental | Project Name: | TNT | Landfarm 3rd | Vadose | | |
| PO Box 2530 | Project Number: 17009-0001 | | | | | Reported: |
| Farmington NM, 87499 | Project Manage | er: Clay | Green | | 11/7/2024 12:55:08PM | |
| | С | ell 7 Vadose | | | | |
| |] | E410367-07 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Ana | lyst: IY | | Batch: 2444128 |
| Benzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Toluene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| o-Xylene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/31/24 | 11/04/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 99.9 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 92.5 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 103 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Ana | lyst: IY | | Batch: 2444128 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 99.9 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 92.5 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 103 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Ana | lyst: NV | | Batch: 2444141 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/31/24 | 11/05/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/31/24 | 11/05/24 | |
| Surrogate: n-Nonane | | 109 % | 50-200 | 10/31/24 | 11/05/24 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Ana | lyst: LS | | Batch: 2444133 |
| Arsenic | ND | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Barium | 125 | 6.25 | 1 | 10/31/24 | 11/01/24 | |
| Cadmium | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Calcium | 5310 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Chromium | 23.9 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Copper | 13.0 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Iron | 36100 | 500 | 10 | 10/31/24 | 11/04/24 | |
| Lead | 3.24 | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Magnesium | 10100 | 250 | 10 | 10/31/24 | 11/04/24 | |
| Manganese | 588 | 5.00 | 20 | 10/31/24 | 11/04/24 | |
| Mercury | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Potassium | 4310 | 250 | 10 | 10/31/24 | 11/04/24 | |
| Selenium | 1.37 | 1.25 | 1 | 10/31/24 | 11/01/24 | |
| Silver | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Sodium | 362 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Zinc | 54.9 | 2.50 | 1 | 10/31/24 | 11/01/24 | |



Sample Data

| | | T | | | | | | |
|---------------------------|------------------|-----------------------------|----------------|----------|----------|----------------|--|--|
| TNT Environmental | Project Name: | TNT L | andfarm 3rd Va | | | | | |
| PO Box 2530 | Project Number: | 17009- | 0001 | | | Reported: | | |
| Farmington NM, 87499 | Project Manager: | Project Manager: Clay Green | | | | | | |
| | Cell | 7 Vadose | | | | | | |
| | E41 | 0367-07 | | | | | | |
| | | Reporting | | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst | : DT | | Batch: 2445020 | | |
| Fluoride | 18.6 | 2.50 | 1 | 11/04/24 | 11/04/24 | | | |
| Chloride | 245 | 20.0 | 1 | 11/04/24 | 11/04/24 | | | |
| Nitrite-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | | |
| Nitrate-N | 7.09 | 2.50 | 1 | 11/04/24 | 11/04/24 | | | |
| o-Phosphate-P | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | | |
| Sulfate | 173 | 20.0 | 1 | 11/04/24 | 11/04/24 | | | |



Sample Data

| | | inpic D | ava | | | |
|--|----------------|---|------------------|----------|------------|----------------------|
| TNT Environmental | Project Name: | TNT | ۲ Landfarm 3rd V | adose | | |
| PO Box 2530 | Project Numbe | oject Number: 17009-0001 oject Manager: Clay Green | | | | Reported: |
| Farmington NM, 87499 | Project Manage | | | | | 11/7/2024 12:55:08PM |
| | C | ell 8 Vdose | | | | |
| |] | E410367-08 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Analys | st: IY | | Batch: 2444128 |
| Benzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Toluene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| o-Xylene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/31/24 | 11/04/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 99.5 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 98.0 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 103 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: IY | | Batch: 2444128 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 99 5 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 12-Dichloroethane.d4 | | 08.0% | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 103 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surregue. Totuene uo | | 105 /0 | 70-150 | 10/01/27 | 11/0 //2 / | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: NV | | Batch: 2444141 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/31/24 | 11/05/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/31/24 | 11/05/24 | |
| Surrogate: n-Nonane | | 116 % | 50-200 | 10/31/24 | 11/05/24 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Analys | st: LS | | Batch: 2444133 |
| Arsenic | ND | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Barium | 142 | 6.25 | 1 | 10/31/24 | 11/01/24 | |
| Cadmium | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Calcium | 14300 | 250 | 10 | 10/31/24 | 11/04/24 | |
| Chromium | 20.0 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Copper | 9.79 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Iron | 16700 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Lead | 2.93 | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Magnesium | 7780 | 250 | 10 | 10/31/24 | 11/04/24 | |
| Manganese | 385 | 2.50 | 10 | 10/31/24 | 11/04/24 | |
| Mercury | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Potassium | 3300 | 250 | 10 | 10/31/24 | 11/04/24 | |
| Selenium | ND | 1.25 | 1 | 10/31/24 | 11/01/24 | |
| Silver | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Sodium | 208 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Zinc | 45.7 | 2.50 | 1 | 10/31/24 | 11/01/24 | |



Sample Data

| | | T | | | | | |
|---------------------------|------------------|----------------------------|----------------|----------|----------|----------------|--|
| TNT Environmental | Project Name: | TNT L | andfarm 3rd Va | | | | |
| PO Box 2530 | Project Number: | Project Number: 17009-0001 | | | | | |
| Farmington NM, 87499 | Project Manager: | 11/7/2024 12:55:08PM | | | | | |
| | Cell | 8 Vdose | | | | | |
| | E41 | 0367-08 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst | : DT | | Batch: 2445020 | |
| Fluoride | 13.5 | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| Chloride | 51.4 | 20.0 | 1 | 11/04/24 | 11/04/24 | | |
| Nitrite-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| Nitrate-N | 18.3 | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| o-Phosphate-P | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| Sulfate | 27.5 | 20.0 | 1 | 11/04/24 | 11/04/24 | | |



Sample Data

| TNT Environmental | Project Name: | TNT | Landfarm 3rd Va | adose | | |
|--|---------------|--------------|----------------------|-----------|----------|----------------|
| PO Box 2530 | Project Numbe | er: 1700 | Reported: | | | |
| Farmington NM, 87499 | Project Manag | er: Clay | 11/7/2024 12:55:08PM | | | |
| | С | ell 9 Vadose | | | | |
| | | E410367-09 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Analys | t: IY | | Batch: 2444128 |
| Benzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Toluene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| o-Xylene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/31/24 | 11/04/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 99.4 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 97.5 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by FPA 8015D - GRO | mg/kg | mg/kg | Analys | t: IY | | Batch: 2444128 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 99.4 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 97.5 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: NV | | Batch: 2444141 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/31/24 | 11/05/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/31/24 | 11/05/24 | |
| Surrogate: n-Nonane | | 119 % | 50-200 | 10/31/24 | 11/05/24 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Analys | t: LS | | Batch: 2444133 |
| Arsenic | ND | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Barium | 92.4 | 6.25 | 1 | 10/31/24 | 11/01/24 | |
| Cadmium | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Calcium | 8040 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Chromium | 15.9 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Copper | 8.12 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Iron | 13800 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Lead | 2.44 | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Magnesium | 3830 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Manganese | 319 | 2.50 | 10 | 10/31/24 | 11/04/24 | |
| Mercury | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Potassium | 2560 | 250 | 10 | 10/31/24 | 11/04/24 | |
| Selenium | ND | 1 25 | 1 | 10/31/24 | 11/01/24 | |
| Silver | ND | 0.250 | - 1 | 10/31/24 | 11/01/24 | |
| Sodium | 418 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Zina | 36.4 | 2 50 | 1 | 10/31/24 | 11/01/24 | |
| | 50.4 | 2.30 | 1 | - 0/01/21 | | |



Sample Data

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|---------------------------|------------------|-----------------------------|----------------|----------|----------|----------------|--|
| TNT Environmental | Project Name: | TNT L | andfarm 3rd Va | | | | |
| PO Box 2530 | Project Number: | 17009- | 0001 | | | Reported: | |
| Farmington NM, 87499 | Project Manager: | Project Manager: Clay Green | | | | | |
| | Cell | 9 Vadose | | | | | |
| | E41 | 0367-09 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst | : DT | | Batch: 2445020 | |
| Fluoride | 11.6 | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| Chloride | ND | 20.0 | 1 | 11/04/24 | 11/04/24 | | |
| Nitrite-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| Nitrate-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| o-Phosphate-P | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | |
| Sulfate | 237 | 20.0 | 1 | 11/04/24 | 11/04/24 | | |



Sample Data

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|--|----------------|-----------------------|--------------|------------|-----------|----------------------|
| TNT Environmental | Project Name: | TNT | Landfarm 3rd | l Vadose | | |
| PO Box 2530 | Project Numbe | ber: 17009-0001 | | | Reported: | |
| Farmington NM, 87499 | Project Manage | t Manager: Clay Green | | | | 11/7/2024 12:55:08PM |
| | Ce | ell 10 Vadoso | e | | | |
| |] | E410367-10 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | n Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Ana | alyst: IY | | Batch: 2444128 |
| Benzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Toluene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| o-Xylene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/31/24 | 11/04/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 97.3 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.8 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 103 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Ana | alyst: IY | | Batch: 2444128 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 97.3 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 96.8 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 103 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Ana | alyst: NV | | Batch: 2444141 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/31/24 | 11/05/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/31/24 | 11/05/24 | |
| Surrogate: n-Nonane | | 106 % | 50-200 | 10/31/24 | 11/05/24 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Ana | alyst: LS | | Batch: 2444133 |
| Arsenic | ND | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Barium | 53.5 | 6.25 | 1 | 10/31/24 | 11/01/24 | |
| Cadmium | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Calcium | 3010 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Chromium | 5.74 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Copper | 1.46 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Iron | 5450 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Lead | 1.15 | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Magnesium | 1340 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Manganese | 170 | 2.50 | 10 | 10/31/24 | 11/04/24 | |
| Mercury | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Potassium | 458 | 250 | 10 | 10/31/24 | 11/04/24 | |
| Selenium | ND | 1.25 | 1 | 10/31/24 | 11/01/24 | |
| Silver | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Sodium | 145 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Zinc | 10.1 | 2.50 | 1 | 10/31/24 | 11/01/24 | |



Sample Data

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|---------------------------|------------------|-----------|----------------------|----------|----------|----------------|
| TNT Environmental | Project Name: | TNT L | andfarm 3rd Va | | | |
| PO Box 2530 | Project Number: | 17009- | 0001 | | | Reported: |
| Farmington NM, 87499 | Project Manager: | Clay G | 11/7/2024 12:55:08PM | | | |
| | Cell 1 | 0 Vadose | | | | |
| | E41 | 0367-10 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst | : DT | | Batch: 2445020 |
| Fluoride | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Chloride | 45.5 | 20.0 | 1 | 11/04/24 | 11/04/24 | |
| Nitrite-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Nitrate-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| o-Phosphate-P | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Sulfate | 67.0 | 20.0 | 1 | 11/04/24 | 11/04/24 | |



Sample Data

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|--|----------------|------------------|--------------|----------|----------|----------------------|--|
| TNT Environmental | Project Name: | TNT | Landfarm 3rd | Vadose | | | |
| PO Box 2530 | Project Numbe | r: 1700 | 09-0001 | | | Reported: | |
| Farmington NM, 87499 | Project Manage | ager: Clay Green | | | | 11/7/2024 12:55:08PM | |
| | Ce | ell 11 Vadose | e | | | | |
| |] | E410367-11 | | | | | |
| | | Reporting | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Anal | yst: IY | | Batch: 2444128 | |
| Benzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | | |
| Toluene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | | |
| o-Xylene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/31/24 | 11/04/24 | | |
| Total Xylenes | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | | |
| Surrogate: Bromofluorobenzene | | 98.5 % | 70-130 | 10/31/24 | 11/04/24 | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 98.7 % | 70-130 | 10/31/24 | 11/04/24 | | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | 10/31/24 | 11/04/24 | | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Anal | yst: IY | | Batch: 2444128 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/31/24 | 11/04/24 | | |
| Surrogate: Bromofluorobenzene | | 98.5 % | 70-130 | 10/31/24 | 11/04/24 | | |
| Surrogate: 1,2-Dichloroethane-d4 | | 98.7 % | 70-130 | 10/31/24 | 11/04/24 | | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | 10/31/24 | 11/04/24 | | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Anal | yst: NV | | Batch: 2444141 | |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/31/24 | 11/05/24 | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/31/24 | 11/05/24 | | |
| Surrogate: n-Nonane | | 111 % | 50-200 | 10/31/24 | 11/05/24 | | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Anal | yst: LS | | Batch: 2444133 | |
| Arsenic | ND | 0.500 | 1 | 10/31/24 | 11/01/24 | | |
| Barium | 116 | 6.25 | 1 | 10/31/24 | 11/01/24 | | |
| Cadmium | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | | |
| Calcium | 6670 | 25.0 | 1 | 10/31/24 | 11/01/24 | | |
| Chromium | 19.5 | 0.500 | 1 | 10/31/24 | 11/01/24 | | |
| Copper | 8.30 | 0.500 | 1 | 10/31/24 | 11/01/24 | | |
| Iron | 26700 | 1000 | 20 | 10/31/24 | 11/04/24 | | |
| Lead | 3.29 | 0.250 | 1 | 10/31/24 | 11/01/24 | | |
| Magnesium | 7130 | 500 | 20 | 10/31/24 | 11/04/24 | | |
| Manganese | 480 | 5.00 | 20 | 10/31/24 | 11/04/24 | | |
| Mercury | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | | |
| Potassium | 3330 | 500 | 20 | 10/31/24 | 11/04/24 | | |
| Selenium | ND | 1.25 | 1 | 10/31/24 | 11/01/24 | | |
| Silver | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | | |
| Sodium | 635 | 50.0 | 1 | 10/31/24 | 11/01/24 | | |
| Zinc | 42.9 | 2.50 | 1 | 10/31/24 | 11/01/24 | | |



Sample Data

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|---------------------------|------------------|-----------------------------|----------------|----------|----------|----------------|--|--|
| TNT Environmental | Project Name: | TNT L | andfarm 3rd Va | | | | | |
| PO Box 2530 | Project Number: | 17009- | 0001 | | | Reported: | | |
| Farmington NM, 87499 | Project Manager: | Project Manager: Clay Green | | | | | | |
| | Cell 1 | 1 Vadose | | | | | | |
| | E41 | 0367-11 | | | | | | |
| | | Reporting | | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst | : DT | | Batch: 2445020 | | |
| Fluoride | 8.10 | 2.50 | 1 | 11/04/24 | 11/04/24 | | | |
| Chloride | 73.4 | 20.0 | 1 | 11/04/24 | 11/04/24 | | | |
| Nitrite-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | | |
| Nitrate-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | | |
| o-Phosphate-P | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | | |
| Sulfate | 125 | 20.0 | 1 | 11/04/24 | 11/04/24 | | | |



Sample Data

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|--|-------------|-------------------|--------------|-------------|-----------|----------------------|
| TNT Environmental | Project Nam | e: TNT | Landfarm 3rd | d Vadose | | |
| PO Box 2530 | Project Num | ber: 17009-0001 | | | Reported: | |
| Farmington NM, 87499 | Project Man | nager: Clay Green | | | | 11/7/2024 12:55:08PM |
| | | Cell 12 Vadose | e | | | |
| | | E410367-12 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | n Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | An | alyst: IY | | Batch: 2444128 |
| Benzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Toluene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| o-Xylene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/31/24 | 11/04/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 99.8 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.7 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | An | Analyst: IY | | Batch: 2444128 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 99.8 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 94.7 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 106 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | An | alyst: NV | | Batch: 2444141 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/31/24 | 11/05/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/31/24 | 11/05/24 | |
| Surrogate: n-Nonane | | 120 % | 50-200 | 10/31/24 | 11/05/24 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | An | alyst: LS | | Batch: 2444133 |
| Arsenic | ND | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Barium | 149 | 6.25 | 1 | 10/31/24 | 11/01/24 | |
| Cadmium | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Calcium | 4370 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Chromium | 19.9 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Copper | 8.30 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Iron | 16400 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Lead | 3.15 | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Magnesium | 7350 | 500 | 20 | 10/31/24 | 11/04/24 | |
| Manganese | 410 | 5.00 | 20 | 10/31/24 | 11/04/24 | |
| Mercury | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Potassium | 4780 | 500 | 20 | 10/31/24 | 11/04/24 | |
| Selenium | ND | 1.25 | 1 | 10/31/24 | 11/01/24 | |
| Silver | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Sodium | 651 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Zinc | 48.3 | 2.50 | 1 | 10/31/24 | 11/01/24 | |



Sample Data

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|---------------------------|------------------|-----------------------------|----------------|-----------|----------|----------------|--|--|
| TNT Environmental | Project Name: | TNT L | andfarm 3rd Va | | | | | |
| PO Box 2530 | Project Number: | 17009- | 0001 | Reported: | | | | |
| Farmington NM, 87499 | Project Manager: | Project Manager: Clay Green | | | | | | |
| | Cell 1 | 2 Vadose | | | | | | |
| | E41 | 0367-12 | | | | | | |
| | | Reporting | | | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes | | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst | : DT | | Batch: 2445020 | | |
| Fluoride | 26.5 | 2.50 | 1 | 11/04/24 | 11/04/24 | | | |
| Chloride | 145 | 20.0 | 1 | 11/04/24 | 11/04/24 | | | |
| Nitrite-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | | |
| Nitrate-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | | |
| o-Phosphate-P | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | | | |
| Sulfate | 317 | 20.0 | 1 | 11/04/24 | 11/04/24 | | | |


Sample Data

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|--|--------------|---------------|--------------|----------|----------|----------------------|
| TNT Environmental | Project Nam | e: TNT | Landfarm 3rd | Vadose | | |
| PO Box 2530 | Project Num | ber: 1700 | 09-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | ager: Clay | Green | | | 11/7/2024 12:55:08PM |
| | (| Cell 13 Vados | e | | | |
| | | E410367-13 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Analy | /st: IY | | Batch: 2444128 |
| Benzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Toluene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| o-Xylene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/31/24 | 11/04/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 99.1 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | /st: IY | | Batch: 2444128 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 99.1 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 101 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 105 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | vst: NV | | Batch: 2444141 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/31/24 | 11/05/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/31/24 | 11/05/24 | |
| Surrogate: n-Nonane | | 112 % | 50-200 | 10/31/24 | 11/05/24 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Analy | /st: LS | | Batch: 2444133 |
| Arsenic | ND | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Barium | 80.0 | 6.25 | 1 | 10/31/24 | 11/01/24 | |
| Cadmium | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Calcium | 18200 | 250 | 10 | 10/31/24 | 11/04/24 | |
| Chromium | 15.5 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Copper | 18.6 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Iron | 15200 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Lead | 3.17 | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Magnesium | 3250 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Manganese | 372 | 2.50 | 10 | 10/31/24 | 11/04/24 | |
| Mercury | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Potassium | 2420 | 250 | 10 | 10/31/24 | 11/04/24 | |
| Selenium | ND | 1.25 | 1 | 10/31/24 | 11/01/24 | |
| Silver | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Sodium | 231 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Zinc | 36.0 | 2.50 | 1 | 10/31/24 | 11/01/24 | |



Sample Data

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|---------------------------|---|-----------|----------------|----------|----------|----------------------|
| TNT Environmental | Project Name: | TNT L | andfarm 3rd Va | dose | | |
| PO Box 2530 | Project Number: | 17009- | 0001 | | | Reported: |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | | | 11/7/2024 12:55:08PM |
| | Cell 1 | 3 Vadose | | | | |
| | E410 | 0367-13 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst | DT | | Batch: 2445020 |
| Fluoride | 3.01 | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Chloride | ND | 20.0 | 1 | 11/04/24 | 11/04/24 | |
| Nitrite-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Nitrate-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| o-Phosphate-P | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Sulfate | ND | 20.0 | 1 | 11/04/24 | 11/04/24 | |



Sample Data

| | ~ | impic D | ava | | | |
|--|---------------|--------------|--------------|------------|----------|----------------------|
| TNT Environmental | Project Name: | TNT | Landfarm 3rd | l Vadose | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | er: Clay | Green | | | 11/7/2024 12:55:08PM |
| | Ce | ell 14 Vados | e | | | |
| |] | E410367-14 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilutior | n Prepared | Analyzed | Notes |
| Volatile Organic Compounds by EPA 8260B | mg/kg | mg/kg | Ana | alyst: IY | | Batch: 2444128 |
| Benzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Ethylbenzene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Toluene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| o-Xylene | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| p,m-Xylene | ND | 0.0500 | 1 | 10/31/24 | 11/04/24 | |
| Total Xylenes | ND | 0.0250 | 1 | 10/31/24 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 99.2 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1.2-Dichloroethane-d4 | | 951% | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhologonated Ouganias by EDA 9015D CDO | ma/ka | ma/ka | Ana | alvst- IV | | Batch: 2444128 |
| Nonnaiogenated Organics by EPA 8015D - GRO | ND | 20.0 | 1 | 10/31/24 | 11/04/24 | Battii. 2444120 |
| Gasonie Range Organies (Co-C10) | ND | 20.0 | | 10/31/21 | 11/04/24 | |
| Surrogate: Bromofluorobenzene | | 99.2 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: 1,2-Dichloroethane-d4 | | 95.1 % | 70-130 | 10/31/24 | 11/04/24 | |
| Surrogate: Toluene-d8 | | 104 % | 70-130 | 10/31/24 | 11/04/24 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Ana | alyst: NV | | Batch: 2444141 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 10/31/24 | 11/05/24 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 10/31/24 | 11/05/24 | |
| Surrogate: n-Nonane | | 115 % | 50-200 | 10/31/24 | 11/05/24 | |
| Total Metals by EPA 6010C | mg/kg | mg/kg | Ana | alyst: LS | | Batch: 2444133 |
| Arsenic | ND | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Barium | 79.1 | 6.25 | 1 | 10/31/24 | 11/01/24 | |
| Cadmium | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Calcium | 7010 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Chromium | 13.2 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Copper | 6.02 | 0.500 | 1 | 10/31/24 | 11/01/24 | |
| Iron | 12000 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Lead | 2.33 | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Magnesium | 2980 | 25.0 | 1 | 10/31/24 | 11/01/24 | |
| Manganese | 368 | 5.00 | 20 | 10/31/24 | 11/04/24 | |
| Mercury | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Potassium | 1480 | 500 | 20 | 10/31/24 | 11/04/24 | |
| Selenium | ND | 1.25 | 1 | 10/31/24 | 11/01/24 | |
| Silver | ND | 0.250 | 1 | 10/31/24 | 11/01/24 | |
| Sodium | 281 | 50.0 | 1 | 10/31/24 | 11/01/24 | |
| Zinc | 28.0 | 2.50 | 1 | 10/31/24 | 11/01/24 | |
| | | | | | | |



Sample Data

| | | - I | | | | |
|---------------------------|------------------|------------|----------------|----------|----------|----------------------|
| TNT Environmental | Project Name: | TNT L | andfarm 3rd Va | dose | | |
| PO Box 2530 | Project Number: | 17009- | 0001 | | | Reported: |
| Farmington NM, 87499 | Project Manager: | Clay G | reen | | | 11/7/2024 12:55:08PM |
| | Cell | 14 Vadose | | | | |
| | E41 | 0367-14 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analyst | : DT | | Batch: 2445020 |
| Fluoride | 4.61 | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Chloride | 22.9 | 20.0 | 1 | 11/04/24 | 11/04/24 | |
| Nitrite-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Nitrate-N | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| o-Phosphate-P | ND | 2.50 | 1 | 11/04/24 | 11/04/24 | |
| Sulfate | 141 | 20.0 | 1 | 11/04/24 | 11/04/24 | |



QC Summary Data

| TNT Environmental | | Project Name: | T | NT Landfarm | 3rd Vadose | | | | Reported: | | | |
|----------------------------------|-------|------------------|---------|-------------|------------|--------|-------------|---------------|-------------------|--|--|--|
| PO Box 2530 | | Project Number: | 17 | /009-0001 | | | | | | | | |
| Farmington NM, 87499 | | Project Manager: | Cl | ay Green | | | | 11/7 | 7/2024 12:55:08PM | | | |
| | V | olatile Organi | c Compo | unds by El | PA 8260B | | | Analyst: IY | | | | |
| Analyte | D k | Reporting | Spike | Source | Dee | Rec | רומק | RPD Limit | | | | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes | | | |
| | | | | | | | Prepared: 1 | 0/31/24 Anal | yzed: 11/04/24 | | | |
| Benzene | ND | 0.0250 | | | | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | | | | |
| Foluene | ND | 0.0250 | | | | | | | | | | |
| p-Xylene | ND | 0.0250 | | | | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.499 | | 0.500 | | 99.7 | 70-130 | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.460 | | 0.500 | | 92.0 | 70-130 | | | | | | |
| Surrogate: Toluene-d8 | 0.515 | | 0.500 | | 103 | 70-130 | | | | | | |
| LCS (2444128-BS1) | | | | | | | Prepared: 1 | 0/31/24 Anal | yzed: 11/04/24 | | | |
| Benzene | 2.17 | 0.0250 | 2.50 | | 87.0 | 70-130 | | | | | | |
| Ethylbenzene | 2.45 | 0.0250 | 2.50 | | 98.1 | 70-130 | | | | | | |
| Foluene | 2.38 | 0.0250 | 2.50 | | 95.2 | 70-130 | | | | | | |
| o-Xylene | 2.53 | 0.0250 | 2.50 | | 101 | 70-130 | | | | | | |
| o,m-Xylene | 5.10 | 0.0500 | 5.00 | | 102 | 70-130 | | | | | | |
| Total Xylenes | 7.63 | 0.0250 | 7.50 | | 102 | 70-130 | | | | | | |
| Surrogate: Bromofluorobenzene | 0.496 | | 0.500 | | 99.1 | 70-130 | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.495 | | 0.500 | | 98.9 | 70-130 | | | | | | |
| Surrogate: Toluene-d8 | 0.519 | | 0.500 | | 104 | 70-130 | | | | | | |
| LCS Dup (2444128-BSD1) | | | | | | | Prepared: 1 | 0/31/24 Analy | yzed: 11/04/24 | | | |
| Benzene | 2.18 | 0.0250 | 2.50 | | 87.1 | 70-130 | 0.138 | 23 | | | | |
| Ethylbenzene | 2.45 | 0.0250 | 2.50 | | 98.1 | 70-130 | 0.00 | 27 | | | | |
| Foluene | 2.38 | 0.0250 | 2.50 | | 95.0 | 70-130 | 0.189 | 24 | | | | |
| p-Xylene | 2.59 | 0.0250 | 2.50 | | 104 | 70-130 | 2.50 | 27 | | | | |
| o,m-Xylene | 5.15 | 0.0500 | 5.00 | | 103 | 70-130 | 0.887 | 27 | | | | |
| Total Xylenes | 7.74 | 0.0250 | 7.50 | | 103 | 70-130 | 1.42 | 27 | | | | |
| Surrogate: Bromofluorobenzene | 0.507 | | 0.500 | | 101 | 70-130 | | | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.491 | | 0.500 | | 98.1 | 70-130 | | | | | | |
| Surrogate: Toluene-d8 | 0.520 | | 0.500 | | 104 | 70-130 | | | | | | |
| | | | | | | | | | | | | |



QC Summary Data

| | | | • | | | | | | | |
|--|--------|--|----------------|--|-----------|--|-------------|--------------|------------------|--|
| TNT Environmental PO Box 2530 Farmington NM, 87499 | | Project Name: Project Number Project Manager | : r: | TNT Landfarm 17009-0001 Clay Green | 3rd Vados | Reported: 11/7/2024 12:55:08PM | | | | |
| | No | | Analyst: IY | | | | | | | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes | |
| Blank (2444128-BLK1) | | | | | | | Prepared: 1 | 0/31/24 Ana | alyzed: 11/04/24 | |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | | |
| Surrogate: Bromofluorobenzene | 0.499 | | 0.500 | | 99.7 | 70-130 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.460 | | 0.500 | | 92.0 | 70-130 | | | | |
| Surrogate: Toluene-d8 | 0.515 | | 0.500 | | 103 | 70-130 | | | | |
| LCS (2444128-BS2) | | | | | | | Prepared: 1 | 0/31/24 Ana | alyzed: 11/04/24 | |
| Gasoline Range Organics (C6-C10) | 56.3 | 20.0 | 50.0 | | 113 | 70-130 | | | | |
| Surrogate: Bromofluorobenzene | 0.513 | | 0.500 | | 103 | 70-130 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.491 | | 0.500 | | 98.2 | 70-130 | | | | |
| Surrogate: Toluene-d8 | 0.536 | | 0.500 | | 107 | 70-130 | | | | |
| LCS Dup (2444128-BSD2) | | | | | | | Prepared: 1 | 0/31/24 Ana | alyzed: 11/04/24 | |
| Gasoline Range Organics (C6-C10) | 53.1 | 20.0 | 50.0 | | 106 | 70-130 | 5.82 | 20 | | |
| Surrogate: Bromofluorobenzene | 0.501 | | 0.500 | | 100 | 70-130 | | | | |
| Surrogate: 1,2-Dichloroethane-d4 | 0.486 | | 0.500 | | 97.1 | 70-130 | | | | |
| Surrogate: Toluene-d8 | 0.532 | | 0.500 | | 106 | 70-130 | | | | |



QC Summary Data

| | | QU N | umm | ary Duc | | | | | |
|---------------------------------|--------|--------------------|----------------|------------------|-----------|---------------|-------------|--------------|----------------------|
| TNT Environmental | | Project Name: | Т | INT Landfarm | 3rd Vados | e | | | Reported: |
| PO Box 2530 | | Project Number: | 1 | 7009-0001 | | | | | |
| Farmington NM, 87499 | | Project Manager: | (| Clay Green | | | | | 11/7/2024 12:55:08PM |
| | Nonh | alogenated Org | anics by | v EPA 8015I |) - DRO | /ORO | | | Analyst: NV |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2444141-BLK1) | | | | | | | Prepared: 1 | 0/31/24 A | Analyzed: 11/05/24 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 52.9 | | 50.0 | | 106 | 50-200 | | | |
| LCS (2444141-BS1) | | | | | | | Prepared: 1 | 0/31/24 A | Analyzed: 11/05/24 |
| Diesel Range Organics (C10-C28) | 245 | 25.0 | 250 | | 98.0 | 38-132 | | | |
| Surrogate: n-Nonane | 53.2 | | 50.0 | | 106 | 50-200 | | | |
| LCS Dup (2444141-BSD1) | | | | | | | Prepared: 1 | 0/31/24 A | Analyzed: 11/05/24 |
| Diesel Range Organics (C10-C28) | 251 | 25.0 | 250 | | 100 | 38-132 | 2.50 | 20 | |
| Surrogate: n-Nonane | 52.8 | | 50.0 | | 106 | 50-200 | | | |



QC Summary Data

| TNT Environmental | | Project Name: | TI | NT Landfarm | 3rd Vadose | | | | Reported: |
|--------------------------------------|--------|------------------|----------|--------------|--------------|-------------------|--------------|------------|---------------------|
| For Box 2330 Farmington NM, 87499 | | Project Manager: | C | av Green | | | | 1 | 1/7/2024 12:55:08PM |
| | | Total M | etals by | EPA 60100 | ŗ | | | | Analyzat: I S |
| | | Deporting | Snike | Source | | Pag | | רוסק | Analyst: LS |
| Analyte | Result | Limit | Level | Result | Rec | Limits | RPD | Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| lank (2444133-BLK1) | | | | | | | Prepared: 10 |)/31/24 Ar | alyzed: 11/01/24 |
| rsenic | ND | 0.500 | | | | | | | |
| irium | ND | 6.25 | | | | | | | |
| admium | ND | 0.250 | | | | | | | |
| hromium | ND | 0.500 | | | | | | | |
| Copper | ND | 0.500 | | | | | | | |
| on | ND | 50.0 | | | | | | | |
| ead | ND | 0.250 | | | | | | | |
| lagnesium | ND | 25.0 | | | | | | | |
| langanese | ND | 0.250 | | | | | | | |
| lercury | ND | 0.250 | | | | | | | |
| otassium | | 25.0 | | | | | | | |
| ilver | ND | 0.250 | | | | | | | |
| odium | ND | 50.0 | | | | | | | |
| inc | ND | 2.50 | | | | | | | |
| .CS (2444133-BS1) | | | | | | | Prepared: 10 |)/31/24 Ar | alyzed: 11/01/24 |
| rsenic | 11.2 | 0.500 | 12.5 | | 89.6 | 80-120 | | | |
| arium | 300 | 6.25 | 313 | | 95.9 | 80-120 | | | |
| admium | 5.76 | 0.250 | 6.25 | | 92.1 | 80-120 | | | |
| alcium | 1200 | 25.0 | 1250 | | 95.8 | 80-120 | | | |
| hromium | 23.5 | 0.500 | 25.0 | | 94.1 | 80-120 | | | |
| opper | 11.7 | 0.500 | 12.5 | | 93.7 | 80-120 | | | |
| on | 2420 | 50.0 | 2500 | | 96.7 | 80-120 | | | |
| ead . | 5.88 | 0.250 | 0.25 | | 94.1 | 80-120 | | | |
| lagnesium | 5.87 | 25.0 | 6.25 | | 97.0 | 80-120 | | | |
| lercury | 22.6 | 0.250 | 25.0 | | 90.3 | 80-120 | | | |
| otassium | 119 | 25.0 | 125 | | 95.6 | 80-120 | | | |
| elenium | 28.2 | 1.25 | 31.3 | | 90.3 | 80-120 | | | |
| ilver | 2.00 | 0.250 | 2.50 | | 79.9 | 80-120 | | | L4 |
| odium | 471 | 50.0 | 500 | | 94.2 | 80-120 | | | |
| inc | 58.2 | 2.50 | 62.5 | | 93.1 | 80-120 | | | |
| Aatrix Spike (2444133-MS1) | | | | Source: | E410321-0 | 1 | Prepared: 10 | 0/31/24 Ar | alyzed: 11/01/24 |
| rsenic | 10.9 | 0.500 | 12.5 | 1.33 | 76.6 | 75-125 | | | |
| arium | 337 | 6.25 | 6 25 | 90.2 ND | 78.9 | 75-125 | | | M2 |
| alcium | 5280 | 25.0 | 1250 | 5000 | 22.0 | 75-125 | | | M2 |
| hromium | 24.4 | 0.500 | 25.0 | 5.24 | 76.8 | 75-125 | | | |
| opper | 13.6 | 0.500 | 12.5 | 3.36 | 81.7 | 75-125 | | | |
| on | 8780 | 50.0 | 2500 | 7070 | 68.4 | 75-125 | | | M2 |
| ead | 8.17 | 0.250 | 6.25 | 3.39 | 76.4 | 75-125 | | | |
| lagnesium | 3790 | 25.0 | 1250 | 2910 | 70.4 | 75-125 | | | M2 |
| langanese | 227 | 2.50 | 6.25 | 203 | 395 | 75-125 | | | M4 |
| lercury | 17.8 | 0.250 | 25.0 | ND | 71.1 | 75-125 | | | M2 |
| otassium | 2810 | 250 | 31.3 | 2740 ND | 76.2 | 75-125 75-125 | | | 114 |
| ilver | 1.64 | 0.250 | 2.50 | ND | 65.5 | 75-125 | | | M2 |
| odium | 524 | 50.0 | 500 | 172 | 70.3 | 75-125 | | | M2 |
| nc | 81.7 | 2.50 | 62.5 | 27.4 | 87.0 | 75-125 | | | |
| Iatrix Spike Dup (2444133-MSD1) | | | | Source: | E410321-0 | 1 | Prepared: 10 |)/31/24 Ar | alyzed: 11/01/24 |
| rsenic | 11.1 | 0.500 | 12.5 | 1.33 | 78.0 | 75-125 | 1.55 | 20 | · · · · · · |
| arium | 340 | 6.25 | 313 | 90.2 | 79.9 | 75-125 | 0.887 | 20 | |
| admium | 4.61 | 0.250 | 6.25 | ND | 73.7 | 75-125 | 1.08 | 20 | M2 |
| alcium | 6260 | 25.0 | 1250 | 5000 | 101 | 75-125 | 17.1 | 20 | |
| hromium | 24.7 | 0.500 | 25.0 | 5.24 | 77.9 | 75-125 | 1.11 | 20 | |
| opper | 13./ | 0.500 | 12.5 | 3.30 7070 | 82.4 81.4 | / 3-125 75-125 | 3.64 | 20 20 | |
| ead | 8 07 | 0.250 | 6.25 | 3 39 | 74.8 | 75-125 | 1 23 | 20 | M2 |
| Aagnesium | 3900 | 25.0 | 1250 | 2910 | 79.2 | 75-125 | 2.86 | 20 | 1112 |
| Jugitestulli | 5700 | 25.0 | .200 | 2710 | , , | ,5 125 | 2.00 | -0 | |



QC Summary Data

| TNT Environmental PO Box 2530 Farmington NM, 87499 | | Project Name: Project Number: Project Manager: | : 1 | FNT Landfarm : 17009-0001 Clay Green | 3rd Vados | e | | 1 | Reported: 11/7/2024 12:55:08PM |
|--|-----------------|--|-------------------------|--|-----------|--------------------|-------------|-------------------|--|
| | | Total M | letals by | y EPA 6010C | | | | | Analyst: LS |
| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
| Matrix Spike Dup (2444133-MSD1) | | | | Source: | E410321- | 01 | Prepared: 1 | 0/31/24 An | alyzed: 11/04/24 |
| Manganese | 215 | 2.50 | 6.25 | 203 | 194 | 75-125 | 5.70 | 20 | M4 |
| Mercury | 18.0 | 0.250 | 25.0 | ND | 72.0 | 75-125 | 1.24 | 20 | M2 |
| Potassium | 2850 | 250 | 125 | 2740 | 92.0 | 75-125 | 1.41 | 20 | M2 |
| Selenium | 24.0 | 1.25 | 31.3 | ND | 76.7 | 75-125 | 0.680 | 20 | |
| Silver | 1.68 | 0.250 | 2.50 | ND | 67.2 | 75-125 | 2.56 | 20 | M2 |
| Sodium | 527 | 50.0 | 500 | 172 | 71.0 | 75-125 | 0.714 | 20 | M2 |
| Zinc | 94.7 | 2.50 | 62.5 | 27.4 | 108 | 75-125 | 14.7 | 20 | |



QC Summary Data

| | | | | J | | | | | | | | | |
|------------------------|--------|--------------------|----------------------------|--------------------|-----|---------------|-------------|--------------|----------------------|--|--|--|--|
| TNT Environmental | | Reported: | | | | | | | | | | | |
| PO Box 2530 | | Project Number: | Project Number: 17009-0001 | | | | | | • | | | | |
| Farmington NM, 87499 | | Project Manager: | Cl | ay Green | | | | | 11/7/2024 12:55:08PM | | | | |
| | | Anions l | by EPA 3 | 00.0/9056 <i>A</i> | ٩ | | | | Analyst: DT | | | | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | | | | | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes | | | | |
| Blank (2445020-BLK1) | | | | | | | Prepared: 1 | 1/04/24 A | Analyzed: 11/04/24 | | | | |
| Fluoride | ND | 2.50 | | | | | | | | | | | |
| Chloride | ND | 20.0 | | | | | | | | | | | |
| Nitrite-N | ND | 2.50 | | | | | | | | | | | |
| Nitrate-N | ND | 2.50 | | | | | | | | | | | |
| o-Phosphate-P | ND | 2.50 | | | | | | | | | | | |
| Sulfate | ND | 20.0 | | | | | | | | | | | |
| LCS (2445020-BS1) | | | | | | | Prepared: 1 | 1/04/24 A | Analyzed: 11/05/24 | | | | |
| Fluoride | 26.4 | 2.50 | 25.0 | | 106 | 90-110 | | | | | | | |
| Chloride | 255 | 20.0 | 250 | | 102 | 90-110 | | | | | | | |
| Nitrite-N | 27.0 | 2.50 | 25.0 | | 108 | 90-110 | | | | | | | |
| Nitrate-N | 27.3 | 2.50 | 25.0 | | 109 | 90-110 | | | | | | | |
| o-Phosphate-P | 132 | 2.50 | 125 | | 105 | 90-110 | | | | | | | |
| Sulfate | 262 | 20.0 | 250 | | 105 | 90-110 | | | | | | | |
| LCS Dup (2445020-BSD1) | | | | | | | Prepared: 1 | 1/04/24 A | Analyzed: 11/04/24 | | | | |
| Fluoride | 26.3 | 2.50 | 25.0 | | 105 | 90-110 | 0.714 | 20 | | | | | |
| Chloride | 254 | 20.0 | 250 | | 101 | 90-110 | 0.497 | 20 | | | | | |
| Nitrite-N | 26.7 | 2.50 | 25.0 | | 107 | 90-110 | 0.935 | 20 | | | | | |
| Nitrate-N | 27.1 | 2.50 | 25.0 | | 108 | 90-110 | 0.652 | 20 | | | | | |
| o-Phosphate-P | 132 | 2.50 | 125 | | 106 | 90-110 | 0.0531 | 20 | | | | | |
| Sulfate | 260 | 20.0 | 250 | | 104 | 90-110 | 0.751 | 20 | | | | | |
| | | | | | | | | | | | | | |

QC Summary Report Comment:

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



| TNT Environmental | Project Name: | TNT Landfarm 3rd Vadose | |
|----------------------|------------------|-------------------------|----------------|
| PO Box 2530 | Project Number: | 17009-0001 | Reported: |
| Farmington NM, 87499 | Project Manager: | Clay Green | 11/07/24 12:55 |

L4 The LCS spike recovery was below acceptance limits.

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- 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.



| Sient: | TNT En | vironi | menta | l . | | | , rá | Bil | l To | | | | E | ab Us | se Or | ily. | erdo. | | | | TAT | | | EPA P | rogram |
|----------------------------|-------------------------|-------------------|-----------------------|----------------------|----------------------------------|--|-------------------------|--|--------------------------------------|--------------------------------|---------|----------------|-----------|--------|---------|---------------------|------------------|----------------------------------|-----------|-----------------|-------------|------------------------|-----------------|----------------|---------------|
| Project: | TNT L | andfa | rm | 3rd Vado | se | 0 1 - 1 | Attent | tion: TNT Envir | ronmental | | Lab | WO# | | 4 | Jöbi | Num | ber | 1997) 1997 - 1997 | 1D 2 | D | 3D | Stan | dard | CWA | SDWA |
| Project M | anager | <u>C</u> I | ay Gre | en | | (195 | Addre | ss: PO Box 2 | <u>530</u> | | E٤ | 103 | <u>50</u> | + | 170 | <u> 90</u> | 000 | | | | | <u> </u> | (| | |
| address: | <u>PO B</u> | ox 25 | 30 | | | I : | City, S | State, Zip | | | | | | | Anal | ysis a | nd Me | ethod | | | | | | | RCRA |
| City, Stat | e, Zip | Farm | ington | NM 8749 | 99 | | Phone | 2: | | | | | | | | | | | | | | 44 A. | | | <u> </u> |
| Ehone: | | | | | | | Email | | | <u> </u> | 15 | 15 | | | | | | tals | | | | | | State | |
| Smail:C | Clay@w | alshe | ng.net | , Shawna | i, Arleen, N | 1arie | | | | | by 80 | by 80 | 21 | 8 | | 0.0 | ş | y Me | | | | N | MCO | | |
| Report du | ie by: | | | | | | | | | | R0 | lon No | y 80 | y 82(| 601 | 16 3C | Cat/ | Heav | | | | | <u>< </u> | | |
| Time Time | Date Sampled | N | 1atrix | No. of Containers | Sample ID |) | | | | Lab Number | DRO/C | GRO/D | втех ь | vocb | Metals | Chtori | Major | RCRA 8 | | | | | | Remarks | |
| 210 | 10-29 | <u>)</u> | 5 | 1 | | | Cell 1 V | adose | | 1 | Х | X | X | | | | X | Х | | | | | | On Ice | |
| 2:37 |] | | | | | | Cell 2 V | adose | | 2 | X | x | X | | | | x | X | | | | | | On Ice | |
| 2.45 | | | | | | | Cell 3 V | adose | | 3 | X | х | x | | | | x | x | | | | | | Onice | |
| 9:54 | | | | | | | Cell 4 V | adose | | 4 | X | Х | X | | | | X | X | | | | | | Onice | |
| 10:05 | | | Τ | | | | Cell 5 V | adose | | 5 | X | x | х | | | | x | Х | | | | | | Onlice | |
| 10:14 | | | Τ | | | | Cell 6 V | adose | | 6 | X | x | x | | | | x | х | | | | | | Onice | |
| 10:24 | | | | | | | Cell 7 V | adose | | 7 | X | x | x | | | | x | Х | | | | | | Onice | of 43 |
| 9:18 | | | | | | | Cell 8 V | adose | | 8 | X | x | x | | | | x | Х | | | | | | On Ice | te 41 |
| 9:25 | - | | | | | | Cell 9 V | adose | | 9 | X | x | x | | | | x | х | | | | | | On Ice | Pac |
| 10:36 | L | | | I | | | Cell 10 \ | /adose | | 10 | X | x | X | | | | x | X | | | | | | Onice | |
| Addition | al Instri | ictior | ns: | | | - | | | | | | | | | | | | | | | | | | | |
| l, (field samp | iler), attesi | to the v | validity a | nd authentic | ity of this sam | ple. 1 am aware that ta | ampering wit | th or intentionally mislab | elling the sample | ocation, | | | | | Sampl | es requ d in ice | iring the | rmal pre | servation | must It less | t be receiv | red on ico con subs | e the day the | ey are sampled | 1 or received |
| Date or time | or collection | n is coi | nsidered | Traud and m | ay be grounds | Time at a t | | Sampled.by | Clay Green | | | Time | | | | | 2012-0 2012-0 | | 1.66 | Sille | o Only | | | · · · · | |
| Kelinquisne | | | | 10 | 21-24 | 14:18 | P | Noc Signatur | | 10-29- | -24 | 14 | 18 | | Rec | eivec | l on i | ce: | | N N | e Onty | | ad Maria - | | |
| Relinquishe | ed by: (Sig | nature | :) | Date | | Time | F | eceived by: (Signatur | e) | Date | | Time | _ | | I1_ | | | inan ségi Linn an Pinan an | <u>12</u> | | | I | 3 | | |
| Relinquishe | ed by: (Sig | nature | :) | Date | | Time | R | leceived by: (Signatur | e) | Date | | Time | | | AVG | Ten | ip °C | | | | | | | | |
| Sample Matr | ix: S - Soil, | Sd - So | lid, Sg - S | Sludge, A - A | quecus, O - Ot | ther | | | | Container | г Туре | : g - g | lass, | p-po | ly/pl | astic, | ag - a | mber | glass, | v - V | /OA | | | | |
| Note: Samp only to thos | oles are d se sample | scarde s recei | ed 30 da ived by 1 | iys after res | ults are repo bry with this (| orted unless other ar COC. The liability of | rrangemen the labora | ts are made. Hazardo tory is limited to the a | ous samples will mount paid for o | be returned t n the report. | o clier | nt or di | spose | d of a | t the c | lient | expens | e. Th | e report | fort | he anal | ysis of | the above | e samples i | s applicable |

2052

| ۴ ۲ eleased to Imag | J. | | | | | | | | | | | | eceived by OCL |
|---------------------------|---|---------------------------|--------------------------|-------------------------|------------------------|-------------------|------------|--|--|--|---|--|----------------------|
| samples is applicable | iss, v - VOA port for the analysis of the above s | nber gla 2. The rep | expense | he client | p - poly ed of at t | -glass, dispos | ype: g | Container T be returned to n the report. | nents are made. Hazardous samples will oratory is limited to the amount paid for or | r ed unless other arranger DC. The liability of the lab | Aqueous, O - Other esults are reporte tory with this CO | ne Marrix: S - Soil, Sd - Solid, Sg - Sludge, A - : Samples are discarded 30 days after in to those samples received by the labora | 2:6/3/2 pi |
| 2/2025 | ķ | | np °C | AVG Ten | | le | T | Date | Received by: (Signature) | ime | te Th | iquished by: (Signature) | |
| 10-23- | T3 | е: 79 | d on ic | eceive | | E D | 1 | Date | Received by: (Signature) | ime / (· · · · | te | rquished by: (Signature) | 14:38 |
| 21 4 | Lab Use Only | 2 | | | _ | | ۲ 1 | Date | Received by: (Signature) | ine 14:18 | 10-29-34 Th | Iquished by: (Signature) | |
| rare sampled or received | ration must be received on ice the day they to but less than 6 °C on subsequent days. | mal preserv temp above | uiring ther at an avg | amples requarked in Ice | 0 9 | | | ocation, | g with or intentionally mislabelling the sample le Sampled by: Clay Green | I am aware that tamperin r legal action. | ticity of this sample may be grounds for | Id sampler), attest to the validity and authen or time of collection is considered fraud and | l, (field date or |
| | | | | | | | | | | | | litional Instructions: | Addi |
| | | | | | | | | | | | | | _ |
| Pa | | | | | | | | | | | | | |
| ge 42 | | | | | | | | | | | | | |
| of 43 | | | | | | 5 | | | | | | | |
| | | | | | | | | | | | | | |
| | | _ | | | | | | | | | | | |
| Onlee | | × | × | | | × | × | 2 | 14 Vadose | Cell | | 21 1 1 1 | 11: |
| Onlee | | × | × | | | ×× | X | 13 | 13 Vadose | Cell | | :12 | :11 |
| Onlce | | × | × | | | × | × | لحا | 12 Vadose | Cell | | 57 1 1 | 10: |
| Onlce | | × | × | - | | × | × | Ľ | 11 Vadose | Cell | | t S hereor 2his | 101 |
| Remarks | | RCRA 8 H | Major C | Metals & Chloride | VOC by | BTEX by | DRO/OF | Lab Number | | | sample ID | ime Date Matrix No. of mpled Sampled Matrix containe | Tin Sam |
| UT AZ TX | X NM CO | leavy Metals | at/An | 6010 e 300.0 | 8260 | 8021 | RO by 8015 | | nait: | | na, Arleen, Ma | ail:Clay@walsheng.net, Shaw oort due by: | Ema Repo |
| 2 | | | | | | - | | | none: | PT | 499 | 4, State, Zip_Farmington NM 87 | age Z |
| RCRA | | thod | and Me | Analysis | | | | | ty, State, Zip | Ci | | fress: PO Box 2530 | Rdd |
| CWA SUWA | X Standard | | . Sol | | + | 0%0 | EAN | | Idress: PO Box 2530 | Ac | lose | ject Manager: Clay Green | Proje |
| EPA Program | TAT | | | Only | ab Use | _ | | | Bill To | A+ | 1 | ent: TNT Environmental | Blie |
| | | | | | | | | | | | | | |

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| istructions: Please take note of any NO checkmarks. I we receive no response concerning these items within 24 hours of the d | ate of this noti | ice, all the s | samples will be analyzed as | requested. | |
|--|------------------------|----------------|-----------------------------|----------------|---------------|
| Client: TNT Environmental Dat | e Received: | 10/29/24 | 14:18 | Work Order ID: | E410367 |
| Phone: (505) 860-6215 Dat | e Logged In: | 10/30/24 | 09:51 | Logged In By: | Caitlin Mars |
| Email: clay@walsheng.net Due | e Date: | 11/05/24 | 17:00 (5 day TAT) | | |
| <u>Chain of Custody (COC)</u> | | | | | |
| 1. Does the sample ID match the COC? | | Yes | | | |
| 2. Does the number of samples per sampling site location match the | he COC | Yes | | | |
| 3. Were samples dropped off by client or carrier? | | Yes | Carrier: Clay Gree | en | |
| 4. Was the COC complete, i.e., signatures, dates/times, requested | analyses? | Yes | | | |
| 5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the i.e, 15 minute hold time, are not included in this disucssion. | field, | Yes | | Commen | ts/Resolution |
| <u>Sample Turn Around Time (TAT)</u> | | | | | |
| 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 | | | |
| Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., Note: Thermal preservation is not required, if samples are recorded. | 6°±2°C eived w/i 15 | Yes | | | |
| minutes of sampling | | a | | | |
| 13. If no visible ice, record the temperature. Actual sample tem | perature: <u>4°</u> | <u>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 informa | tion: | | | | |
| Sample ID? | | Yes | | | |
| Date/ Time Collected? Collectors name? | | Yes | | | |
| Sample Preservation | | INO | | | |
| 21. Does the COC or field labels indicate the samples were preser | ved? | No | | | |
| 22 Are sample(s) correctly preserved? | | NA | | | |
| 24. Is lab filteration required and/or requested for dissolved metal | s? | No | | | |
| Multinhose Semple Materix | | 110 | | | |
| 26 Doos the sample have more than one phase i.e. multiplace? | | ът | | | |
| 20. Does the sample nave more than one phase, i.e., multiphase? | n | No | | | |
| 21. If yes, does the COC specify which phase(s) is to be analyzed | 1 | NA | | | |
| Subcontract Laboratory | | | | | |
| 28. Are samples required to get sent to a subcontract laboratory? | | No | | | |
| 29. Was a subcontract laboratory specified by the client and if so | who? | NA | Subcontract Lab: NA | | |
| Client Instruction | | | | | |

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



envirotech Inc.

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5796 U.S. Hwy 64 Farmington, NM 87401

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





envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

TNT Environmental

Project Name:

TNT Landfarm- Vadose Zone

Work Order: E504307

Job Number: 17009-0001

Received: 4/30/2025

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 5/7/25

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: 5/7/25

Emilee Skyles PO Box 2530 Farmington, NM 87499

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

Emilee Skyles,

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

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

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

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

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

Respectfully,

Walter Hinchman Laboratory Director Office: 505-632-1881 Cell: 775-287-1762 whinchman@envirotech-inc.com

Field Offices: Southern New Mexico Area Lynn Jarboe Laboratory Technical Representative Office: 505-421-LABS(5227) Cell: 505-320-4759 ljarboe@envirotech-inc.com Raina Schwanz Laboratory Administrator Office: 505-632-1881 rainaschwanz@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





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Chain of Custody etc.

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Sample Summarv

| | | Sample Sum | mai y | | |
|--|---------------|--|---|------------|------------------------------------|
| TNT Environmental PO Box 2530 Farmington NM, 87499 | | Project Name: Project Number: Project Manager: | TNT Landfarm- Va 17009-0001 Emilee Skyles | adose Zone | Reported: 05/07/25 10:46 |
| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
| Cell 1 Vadose | E504307-01A | Soil | 04/29/25 | 04/30/25 | Glass Jar, 2 oz. |
| Cell 2 Vadose | E504307-02A | Soil | 04/29/25 | 04/30/25 | Glass Jar, 2 oz. |
| Cell 3 Vadose | E504307-03A | Soil | 04/29/25 | 04/30/25 | Glass Jar, 2 oz. |
| Cell 4 Vadose | E504307-04A | Soil | 04/29/25 | 04/30/25 | Glass Jar, 2 oz. |
| Cell 5 Vadose | E504307-05A | Soil | 04/29/25 | 04/30/25 | Glass Jar, 2 oz. |
| Cell 6 Vadose | E504307-06A | Soil | 04/29/25 | 04/30/25 | Glass Jar, 2 oz. |
| Cell 7 Vadose | E504307-07A | Soil | 04/29/25 | 04/30/25 | Glass Jar, 2 oz. |
| Cell 8 Vadose | E504307-08A | Soil | 04/29/25 | 04/30/25 | Glass Jar, 2 oz. |
| Cell 9 Vadose | E504307-09A | Soil | 04/29/25 | 04/30/25 | Glass Jar, 2 oz. |
| Cell 10 Vadose | E504307-10A | Soil | 04/29/25 | 04/30/25 | Glass Jar, 2 oz. |
| Cell 11 Vadose | E504307-11A | Soil | 04/29/25 | 04/30/25 | Glass Jar, 2 oz. |
| Cell 12 Vadose | E504307-12A | Soil | 04/29/25 | 04/30/25 | Glass Jar, 2 oz. |
| Cell 13 Vadose | E504307-13A | Soil | 04/29/25 | 04/30/25 | Glass Jar, 2 oz. |
| Cell 14 Vadose | E504307-14A | Soil | 04/29/25 | 04/30/25 | Glass Jar, 2 oz. |



| | | L | | | | |
|--|--------------|---------------|------------------|----------|----------|---------------------|
| TNT Environmental | Project Name | e: TNI | Γ Landfarm- Vado | se Zone | | |
| PO Box 2530 | Project Num | ber: 170 | 09-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | iger: Emi | lee Skyles | | | 5/7/2025 10:46:59AM |
| | (| Cell 1 Vadose | | | | |
| | | E504307-01 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: BA | | Batch: 2518075 |
| Benzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Toluene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/30/25 | 05/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 104 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: BA | | Batch: 2518075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.5 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: NV | | Batch: 2518083 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 05/01/25 | 05/01/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 05/01/25 | 05/01/25 | |
| Surrogate: n-Nonane | | 101 % | 61-141 | 05/01/25 | 05/01/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: JM | | Batch: 2518091 |
| Chloride | 35.0 | 20.0 | 1 | 05/01/25 | 05/01/25 | |

Sample Data

| | | L | | | | |
|--|--------------|---------------|-----------------|----------|----------|---------------------|
| TNT Environmental | Project Name | : TN | Γ Landfarm- Vad | ose Zone | | |
| PO Box 2530 | Project Numb | ber: 170 | 09-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | ger: Emi | lee Skyles | | | 5/7/2025 10:46:59AM |
| | | Cell 2 Vadose | | | | |
| | | E504307-02 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: BA | | Batch: 2518075 |
| Benzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Toluene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/30/25 | 05/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 105 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | | Batch: 2518075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/30/25 | 05/01/25 | |
| | | 91.8 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: NV | | Batch: 2518083 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 05/01/25 | 05/01/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 05/01/25 | 05/01/25 | |
| Surrogate: n-Nonane | | 111 % | 61-141 | 05/01/25 | 05/01/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: JM | | Batch: 2518091 |
| Chloride | 122 | 20.0 | 1 | 05/01/25 | 05/01/25 | |

| | | L | | | | |
|--|--------------|---------------|----------------|----------|----------|---------------------|
| TNT Environmental | Project Name | e: TNI | Landfarm- Vado | ose Zone | | |
| PO Box 2530 | Project Num | ber: 170 | 09-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | ager: Emi | lee Skyles | | | 5/7/2025 10:46:59AM |
| | | Cell 3 Vadose | | | | |
| | | E504307-03 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: BA | | Batch: 2518075 |
| Benzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Toluene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/30/25 | 05/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 103 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | | Batch: 2518075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/30/25 | 05/01/25 | |
| - Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.2 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: NV | | Batch: 2518083 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 05/01/25 | 05/01/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 05/01/25 | 05/01/25 | |
| Surrogate: n-Nonane | | 99.0 % | 61-141 | 05/01/25 | 05/01/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: JM | | Batch: 2518091 |
| Chloride | 35.7 | 20.0 | 1 | 05/01/25 | 05/01/25 | |

| | | I | | | | |
|--|--------------|---------------|----------------|----------|----------|---------------------|
| TNT Environmental | Project Name | : TNI | Landfarm- Vado | ose Zone | | |
| PO Box 2530 | Project Numb | ber: 170 | 09-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | ger: Emi | lee Skyles | | | 5/7/2025 10:46:59AM |
| | (| Cell 4 Vadose | | | | |
| | | E504307-04 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: BA | | Batch: 2518075 |
| Benzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Toluene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/30/25 | 05/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | | Batch: 2518075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/30/25 | 05/01/25 | |
| | | 91.7 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: NV | | Batch: 2518083 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 05/01/25 | 05/01/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 05/01/25 | 05/01/25 | |
| Surrogate: n-Nonane | | 98.6 % | 61-141 | 05/01/25 | 05/01/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: JM | | Batch: 2518091 |
| Chloride | 46.7 | 20.0 | 1 | 05/01/25 | 05/01/25 | |

| | | 1 | | | | |
|--|--------------|---------------|----------------|-----------|----------|---------------------|
| TNT Environmental | Project Name | e: TNI | Γ Landfarm- Va | dose Zone | | |
| PO Box 2530 | Project Num | ber: 170 | 09-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | nger: Emi | lee Skyles | | | 5/7/2025 10:46:59AM |
| | | Cell 5 Vadose | | | | |
| | | E504307-05 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Anal | yst: BA | | Batch: 2518075 |
| Benzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Toluene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/30/25 | 05/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Anal | yst: BA | | Batch: 2518075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.2 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Anal | yst: NV | | Batch: 2518083 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 05/01/25 | 05/01/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 05/01/25 | 05/01/25 | |
| Surrogate: n-Nonane | | 101 % | 61-141 | 05/01/25 | 05/01/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Anal | yst: JM | | Batch: 2518091 |
| Chloride | 24.1 | 20.0 | 1 | 05/01/25 | 05/01/25 | |

| TNT Environmental | Project Nam | e: TNI | ۲ Landfarm- Va | adose Zone | | |
|--|--------------|---------------|----------------|------------|----------|---------------------|
| PO Box 2530 | Project Num | ber: 170 | 09-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | ager: Emi | lee Skyles | | | 5/7/2025 10:46:59AM |
| | | Cell 6 Vadose | | | | |
| | | E504307-06 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | n Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Ana | alyst: BA | | Batch: 2518075 |
| Benzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Toluene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/30/25 | 05/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Ana | alyst: BA | | Batch: 2518075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.2 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Ana | alyst: NV | | Batch: 2518083 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 05/01/25 | 05/01/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 05/01/25 | 05/01/25 | |
| Surrogate: n-Nonane | | 95.3 % | 61-141 | 05/01/25 | 05/01/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Ana | alyst: JM | | Batch: 2518091 |
| Chloride | 181 | 20.0 | 1 | 05/01/25 | 05/01/25 | |



| | | imple D | uta | | | |
|--|---------------|--------------|----------------|----------|----------|---------------------|
| TNT Environmental | Project Name: | TNT | Landfarm- Vado | ose Zone | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | er: Emi | lee Skyles | | | 5/7/2025 10:46:59AM |
| | С | ell 7 Vadose | | | | |
| | | E504307-07 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: BA | | Batch: 2518075 |
| Benzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Toluene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/30/25 | 05/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: BA | | Batch: 2518075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.6 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | st: NV | | Batch: 2518083 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 05/01/25 | 05/02/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 05/01/25 | 05/02/25 | |
| Surrogate: n-Nonane | | 90.7 % | 61-141 | 05/01/25 | 05/02/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: JM | | Batch: 2518091 |
| Chloride | 312 | 20.0 | 1 | 05/01/25 | 05/01/25 | |



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|--|--------------|---------------|---------------|----------|----------|---------------------|
| TNT Environmental | Project Name | : TN | Landfarm- Vad | ose Zone | | |
| PO Box 2530 | Project Numb | ber: 170 | 09-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | ger: Emi | lee Skyles | | | 5/7/2025 10:46:59AM |
| | (| Cell 8 Vadose | | | | |
| | | E504307-08 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: BA | | Batch: 2518075 |
| Benzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Toluene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/30/25 | 05/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analyst: BA | | | Batch: 2518075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 91.8 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | st: NV | | Batch: 2518083 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 05/01/25 | 05/02/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 05/01/25 | 05/02/25 | |
| Surrogate: n-Nonane | | 102 % | 61-141 | 05/01/25 | 05/02/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: JM | | Batch: 2518091 |
| Chloride | 213 | 20.0 | 1 | 05/01/25 | 05/01/25 | |



| TNT Environmental | Project Name: | TN | TLandfarm- Vado | | | |
|--|---------------|--------------|-----------------|----------|----------|---------------------|
| PO Box 2530 | Project Numbe | er: 170 | 09-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | er: Emi | lee Skyles | | | 5/7/2025 10:46:59AM |
| | С | ell 9 Vadose | | | | |
| | | E504307-09 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: BA | | Batch: 2518075 |
| Benzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Toluene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/30/25 | 05/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 102 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: BA | | Batch: 2518075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.9 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: NV | | Batch: 2518083 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 05/01/25 | 05/02/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 05/01/25 | 05/02/25 | |
| Surrogate: n-Nonane | | 102 % | 61-141 | 05/01/25 | 05/02/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: JM | | Batch: 2518091 |
| Chloride | 40.0 | 20.0 | 1 | 05/01/25 | 05/01/25 | |



| | | imple D | | | | |
|--|---------------|--------------|----------------|----------|----------|---------------------|
| TNT Environmental | Project Name: | TN | Landfarm- Vado | | | |
| PO Box 2530 | Project Numbe | er: 170 | 09-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manag | er: Emi | lee Skyles | | | 5/7/2025 10:46:59AM |
| | Ce | ell 10 Vados | e | | | |
| | 1 | E504307-10 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: BA | | Batch: 2518075 |
| Benzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Toluene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/30/25 | 05/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: BA | | Batch: 2518075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 91.9 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: NV | | Batch: 2518083 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 05/01/25 | 05/02/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 05/01/25 | 05/02/25 | |
| Surrogate: n-Nonane | | 95.1 % | 61-141 | 05/01/25 | 05/02/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: JM | | Batch: 2518091 |
| Chloride | ND | 20.0 | 1 | 05/01/25 | 05/01/25 | |



| | | 1 | | | | |
|--|--------------|---------------|---------------|--|----------|---------------------|
| TNT Environmental | Project Name | : TN | Landfarm- Vad | | | |
| PO Box 2530 | Project Numb | ber: 170 | 09-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | ger: Emi | lee Skyles | | | 5/7/2025 10:46:59AM |
| | (| Cell 11 Vados | e | | | |
| | | E504307-11 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analy | st: BA | | Batch: 2518075 |
| Benzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Toluene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/30/25 | 05/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analy | st: BA | | Batch: 2518075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/30/25 | 05/01/25 | |
| - Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.1 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analy | 1 04/30/25 (30 04/30/25 (Analyst: NV | | Batch: 2518083 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 05/01/25 | 05/02/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 05/01/25 | 05/02/25 | |
| Surrogate: n-Nonane | | 102 % | 61-141 | 05/01/25 | 05/02/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analy | st: JM | | Batch: 2518091 |
| Chloride | 261 | 20.0 | 1 | 05/01/25 | 05/01/25 | |

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|--|--------------|-----------------|------------------|---|----------|---------------------|
| TNT Environmental | Project Name | e: TN | Г Landfarm- Vado | | | |
| PO Box 2530 | Project Num | ber: 170 | 09-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | ager: Emi | lee Skyles | | | 5/7/2025 10:46:59AM |
| | (| Cell 12 Vados | e | | | |
| | | E504307-12 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | st: BA | | Batch: 2518075 |
| Benzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Toluene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/30/25 | 05/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | st: BA | | Batch: 2518075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.7 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | 1 04/30/25 05/01 0-130 04/30/25 05/01 Analyst: BA 1 04/30/25 05/01 0-130 04/30/25 05/01 05/01 Analyst: NV 1 05/01/25 05/02 1 05/01/25 05/02 05/02 | | Batch: 2518083 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 05/01/25 | 05/02/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 05/01/25 | 05/02/25 | |
| Surrogate: n-Nonane | | 100 % | 61-141 | 05/01/25 | 05/02/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | st: JM | | Batch: 2518091 |
| Chloride | 153 | 20.0 | 1 | 05/01/25 | 05/01/25 | |



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|--|--------------|----------------|---------------|----------|----------|---------------------|
| TNT Environmental | Project Name | : TNT | Landfarm- Vac | | | |
| PO Box 2530 | Project Numb | ber: 1700 | 09-0001 | | | Reported: |
| Farmington NM, 87499 | Project Mana | ger: Emi | lee Skyles | | | 5/7/2025 10:46:59AM |
| | C | Cell 13 Vadoso | e | | | |
| | | E504307-13 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Anal | yst: BA | | Batch: 2518075 |
| Benzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Toluene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/30/25 | 05/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Anal | yst: BA | | Batch: 2518075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 92.2 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Anal | yst: NV | | Batch: 2518083 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 05/01/25 | 05/02/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 05/01/25 | 05/02/25 | |
| Surrogate: n-Nonane | | 96.8 % | 61-141 | 05/01/25 | 05/02/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Anal | yst: JM | | Batch: 2518091 |
| Chloride | ND | 20.0 | 1 | 05/01/25 | 05/01/25 | |



| | | impic D | | | | |
|--|----------------|---------------|----------------|----------|----------|---------------------|
| TNT Environmental | Project Name: | TNT | Landfarm- Vado | | | |
| PO Box 2530 | Project Numbe | er: 1700 | 09-0001 | | | Reported: |
| Farmington NM, 87499 | Project Manage | er: Emi | lee Skyles | | | 5/7/2025 10:46:59AM |
| | Ce | ell 14 Vadoso | e | | | |
| | 1 | E504307-14 | | | | |
| | | Reporting | | | | |
| Analyte | Result | Limit | Dilution | Prepared | Analyzed | Notes |
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | Analys | t: BA | | Batch: 2518075 |
| Benzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Ethylbenzene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Toluene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| o-Xylene | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| p,m-Xylene | ND | 0.0500 | 1 | 04/30/25 | 05/01/25 | |
| Total Xylenes | ND | 0.0250 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 4-Bromochlorobenzene-PID | | 101 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | Analys | t: BA | | Batch: 2518075 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 04/30/25 | 05/01/25 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | | 93.2 % | 70-130 | 04/30/25 | 05/01/25 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | Analys | t: NV | | Batch: 2518083 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 05/01/25 | 05/02/25 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 05/01/25 | 05/02/25 | |
| Surrogate: n-Nonane | | 103 % | 61-141 | 05/01/25 | 05/02/25 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | Analys | t: JM | | Batch: 2518091 |
| Chloride | ND | 20.0 | 1 | 05/01/25 | 05/01/25 | |



QC Summary Data

| TNT Environmental PO Box 2530 Farmington NM, 87499 | | Project Name: Project Number: Project Manager: | T 1 E | NT Landfarm 7009-0001 Emilee Skyles | - Vadose Z | one | | | Reported: 5/7/2025 10:46:59AM | | | |
|--|--------|--|----------------|---|------------|---------------|-------------|--------------|--------------------------------------|--|--|--|
| Volatile Organics by EPA 8021B Analyst: BA | | | | | | | | | | | | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | | | | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes | | | |
| Blank (2518075-BLK1) | | | | | | | Prepared: 0 | 4/30/25 A | Analyzed: 05/01/25 | | | |
| Benzene | ND | 0.0250 | | | | | | | • | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | | | | |
| p-Xylene | ND | 0.0250 | | | | | | | | | | |
| o m-Xylene | ND | 0.0500 | | | | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.32 | 010200 | 8.00 | | 104 | 70-130 | | | | | | |
| LCS (2518075-BS1) | | | | | | | Prepared: 0 | 4/30/25 A | Analyzed: 05/01/25 | | | |
| Benzene | 5.37 | 0.0250 | 5.00 | | 107 | 70-130 | | | | | | |
| thylbenzene | 5.54 | 0.0250 | 5.00 | | 111 | 70-130 | | | | | | |
| Toluene | 5.50 | 0.0250 | 5.00 | | 110 | 70-130 | | | | | | |
| -Xvlene | 5.47 | 0.0250 | 5.00 | | 109 | 70-130 | | | | | | |
| .m-Xvlene | 11.2 | 0.0500 | 10.0 | | 112 | 70-130 | | | | | | |
| Total Xylenes | 16.6 | 0.0250 | 15.0 | | 111 | 70-130 | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.29 | | 8.00 | | 104 | 70-130 | | | | | | |
| Matrix Spike (2518075-MS1) | | | | Source: | E504307- | 02 | Prepared: 0 | 4/30/25 A | Analyzed: 05/01/25 | | | |
| Benzene | 5.27 | 0.0250 | 5.00 | ND | 105 | 70-130 | | | | | | |
| Ethylbenzene | 5.43 | 0.0250 | 5.00 | ND | 109 | 70-130 | | | | | | |
| Foluene | 5.40 | 0.0250 | 5.00 | ND | 108 | 70-130 | | | | | | |
| -Xylene | 5.37 | 0.0250 | 5.00 | ND | 107 | 70-130 | | | | | | |
| o,m-Xylene | 10.9 | 0.0500 | 10.0 | ND | 109 | 70-130 | | | | | | |
| Total Xylenes | 16.3 | 0.0250 | 15.0 | ND | 109 | 70-130 | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 8.31 | | 8.00 | | 104 | 70-130 | | | | | | |
| Matrix Spike Dup (2518075-MSD1) | | | | Source: | E504307- | 02 | Prepared: 0 | 4/30/25 A | Analyzed: 05/01/25 | | | |
| Benzene | 5.10 | 0.0250 | 5.00 | ND | 102 | 70-130 | 3.46 | 27 | | | | |
| Ethylbenzene | 5.24 | 0.0250 | 5.00 | ND | 105 | 70-130 | 3.58 | 26 | | | | |
| Toluene | 5.21 | 0.0250 | 5.00 | ND | 104 | 70-130 | 3.57 | 20 | | | | |
| o-Xylene | 5.18 | 0.0250 | 5.00 | ND | 103 | 70-130 | 3.64 | 25 | | | | |
| ,m-Xylene | 10.5 | 0.0500 | 10.0 | ND | 105 | 70-130 | 3.68 | 23 | | | | |
| Total Xylenes | 15.7 | 0.0250 | 15.0 | ND | 105 | 70-130 | 3.67 | 26 | | | | |
| - Sumagata: A Promochlombanzona PID | 8 27 | | 8.00 | | 103 | 70-130 | | | | | | |



QC Summary Data

| | | • | | v | | | | | |
|---|--------|----------------------------------|----------------|-----------------------------|----------|---------------|-------------|--------------|---------------------|
| TNT Environmental PO Box 2530 | | Project Name: Project Number: | , | TNT Landfarm- 17009-0001 | Vadose Z | one | | | Reported: |
| Farmington NM, 87499 | | Project Manager: | : 1 | Emilee Skyles | | | | | 5/7/2025 10:46:59AM |
| | No | nhalogenated (| Organic | s by EPA 801 | 15D - G | RO | | | Analyst: BA |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2518075-BLK1) | | | | | | | Prepared: 0 | 4/30/25 | Analyzed: 05/01/25 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.34 | | 8.00 | | 91.8 | 70-130 | | | |
| LCS (2518075-BS2) | | | | | | | Prepared: 0 | 4/30/25 | Analyzed: 05/01/25 |
| Gasoline Range Organics (C6-C10) | 44.3 | 20.0 | 50.0 | | 88.7 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.40 | | 8.00 | | 92.5 | 70-130 | | | |
| Matrix Spike (2518075-MS2) | | | | Source: | E504307- | 02 | Prepared: 0 | 4/30/25 | Analyzed: 05/01/25 |
| Gasoline Range Organics (C6-C10) | 46.1 | 20.0 | 50.0 | ND | 92.1 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.47 | | 8.00 | | 93.3 | 70-130 | | | |
| Matrix Spike Dup (2518075-MSD2) | | | | Source: | E504307- | 02 | Prepared: 0 | 4/30/25 | Analyzed: 05/01/25 |
| Gasoline Range Organics (C6-C10) | 46.5 | 20.0 | 50.0 | ND | 93.1 | 70-130 | 1.04 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.40 | | 8.00 | | 92.5 | 70-130 | | | |



QC Summary Data

| | | X U N | | ary Dad | ~ | | | | |
|----------------------------------|--------|----------------------------------|----------------|-----------------------------|----------|---------------|-------------|--------------|---------------------|
| TNT Environmental PO Box 2530 | | Project Name: Project Number: | - | FNT Landfarm- 17009-0001 | Vadose Z | one | | | Reported: |
| Farmington NM, 87499 | | Project Manager | : 1 | Emilee Skyles | | | | 5 | 5/7/2025 10:46:59AM |
| | Nonha | alogenated Org | ganics by | y EPA 8015E |) - DRO | /ORO | | | Analyst: NV |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes |
| Blank (2518083-BLK1) | | | | | | | Prepared: 0 | 5/01/25 An | alyzed: 05/01/25 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 46.1 | | 50.0 | | 92.2 | 61-141 | | | |
| LCS (2518083-BS1) | | | | | | | Prepared: 0 | 5/01/25 An | alyzed: 05/01/25 |
| Diesel Range Organics (C10-C28) | 274 | 25.0 | 250 | | 110 | 66-144 | | | |
| Surrogate: n-Nonane | 48.7 | | 50.0 | | 97.4 | 61-141 | | | |
| Matrix Spike (2518083-MS1) | | | | Source: | E504307- | 03 | Prepared: 0 | 5/01/25 An | alyzed: 05/01/25 |
| Diesel Range Organics (C10-C28) | 270 | 25.0 | 250 | ND | 108 | 56-156 | | | |
| Surrogate: n-Nonane | 48.6 | | 50.0 | | 97.1 | 61-141 | | | |
| Matrix Spike Dup (2518083-MSD1) | | | | Source: | E504307- | 03 | Prepared: 0 | 5/01/25 An | alyzed: 05/01/25 |
| Diesel Range Organics (C10-C28) | 272 | 25.0 | 250 | ND | 109 | 56-156 | 0.796 | 20 | |
| Surrogate: n-Nonane | 48.9 | | 50.0 | | 97.8 | 61-141 | | | |


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QC Summary Data

| | | ` | | v | | | | | | |
|---------------------------------|--------|--------------------|----------------|------------------|------------|---------------|-------------|--------------------|--------------------|---|
| TNT Environmental | | Project Name: | Т | NT Landfarm | - Vadose Z | one | | | Reported: | |
| PO Box 2530 | | Project Number: | 1 | 7009-0001 | | | | | • | |
| Farmington NM, 87499 | | Project Manager | : Е | milee Skyles | | | | | 5/7/2025 10:46:59A | М |
| | | | Analyst: JM | | | | | | | |
| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | | |
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | Notes | |
| Blank (2518091-BLK1) | | | | | | | Prepared: 0 | 5/01/25 | Analyzed: 05/01/25 | |
| Chloride | ND | 20.0 | | | | | | | | |
| LCS (2518091-BS1) | | | | | | | Prepared: 0 | 5/01/25 | Analyzed: 05/01/25 | |
| Chloride | 253 | 20.0 | 250 | | 101 | 90-110 | | | | |
| Matrix Spike (2518091-MS1) | | | | Source: | E504307- | 07 | Prepared: 0 | 5/01/25 | Analyzed: 05/01/25 | |
| Chloride | 555 | 20.0 | 250 | 312 | 97.5 | 80-120 | | | | |
| Matrix Spike Dup (2518091-MSD1) | | | Source: | E504307- | 07 | Prepared: 0 | 5/01/25 | Analyzed: 05/01/25 | | |
| Chloride | 568 | 20.0 | 250 | 312 | 103 | 80-120 | 2.25 | 20 | | |

QC Summary Report Comment:

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



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

| ND | Analyte NOT DETECTED at or above the reporting limit |
|----|--|
| | |

- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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

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

Chain of Custody

Page / of Z

| | Clier | nt Inforn | nation | | Invoi | ce Information | | - T | | | Lat | o Us | еОп | ly | | | | т/ | \T | | | State | • |
|----------------------------|---------------------|---------------|----------------------|---------------------------|--------------------------|----------------------------|---------|-------------|----------|------------|---------|---------------|--------|----------|---------------------------|---------------------|--------|---------|----------|----------------|-----------------------|-----------------------|--------------------|
| Client · T | | nental | | | Company: TNT F | nvironmental | | | ah V | VO# | | | loh | Nur | her | | ח1 | 20 | 30 | Std | NM | COLUT | тх |
| Project | Name: TNT | l andfarr | n - Vədos | a Zone | Address: PO Boy | 3520 | | | 55 | 64 | 20 | ภ | 17 | PA | $\tilde{\mathbf{\alpha}}$ | 31 | 10 | 20 | 50 | v | | | |
| Project | Managor: Er | niloo Shi | loc | <u>se cone</u> | City State Zin: | 3320 | | ᆘ | | <u>v</u> i | | • II | 10 | | 0. | | | | | <u> </u> | | | |
| Addross | 1910110ge1. LI | C+ | 163 | | Change Bhonge | | | | Г | - | | | Anal | unic | and | Bilot | had | | | | 50 | A Droger | |
| Address | 5:160 E 1211 | <u>57</u> | 01201 | | Phone: | | | | H | <u> </u> | | | Anai | ysis | and | wiet | 100 | | <u> </u> | <u> </u> | EP CD144 | AProgra | |
| <u>Lity, Sta</u> | ite, Zip: Dura | ingo, CU | 81301 | | | | | | | | | | | | | | | | | | SDWA | CWA | KCKA |
| Phone: | 970-946-986 | <u>.9</u> | | | Miscellaneous: | | | | | | | | | | | | | | | | | | |
| <u>Email: Ir</u> | mnop.env@ | gmail.co | <u>m</u> | | | | | | | <u>ع</u> ا | 51 | | | | | | | | | | Complian | ce Y | or N |
| | | | | | | | | | _ | 8 | × 8 | 5 | 。 | 0.0 | × | | | | | | PWSID # | | |
| | | | | Sample Infor | mation | | | | | ğ | ğ | 80: | 8 | 630 | 5-1 | Wei | | ŇŇ | ř | | 8 <u>a</u> | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | | Sample ID | | Filtere | Lab Numb |) Der | DRO/OI | GRO/DI | втех ы | VOC by | Chlorid | TCEQ 10 | RCRA 8 | | BGDOC - | BGDOC | | Samı Terr | Rem | narks |
| 10!29 | 4/29/20 | Soil | 1 | | Cell 1 Vadose | | | 1 | | x | x | x | | x | | | | | | | 3.6 | | |
| 11:00 | 4/29/25 | Soil | 1 | | Cell 2 Vadose | | | 2 | | x | x | x | | x | | | | | | | 34 | | |
| 11:37 | 4/29/25 | Soil | 1 | | Cell 3 Vadose | | | 3 | | x | x | x | | x | | | | | | | 2.0 | | |
| 12:39 | 4/29/25 | Soil | 1 | | Cell 4 Vadose | | | 4 | | x | x | x | | x | | | | | | | 3.8 | | |
| (3:34 | 4/29/25 | Soil | 1 | | Cell 5 Vadose | | | 5 | | x | x | x | | x | | | | | | | 2.8 | 1 | |
| B:07 | 4129/25 | Soil | 1 | | Cell 6 Vadose | | | 6 | | x | x | x | | x | | | | | | | 35 | | |
| 12:07 | 4/25/25 | . Soil | 1 | | Cell 7 Vadose | | | 7 | | x | x | x | | x | | | | | | | 3.0 | | |
| 16:00 | 4/29/25 | - Soil | 1 | | Cell 8 Vadose | | | 8 | | x | x | x | | x | | i | | | | | 30 | | |
| 15:30 | 4/29/25 | Soil | 1 | | Cell 9 Vadose | | | 9 | | x | x | x | | x | | | | | | | 2.5 | | |
| 14:02 | 4/24/25 | Soil | 1 | | Cell 10 Vadose | | | 10 | | x | x | x | | x | | | | | | | 2.7 | | |
| Additio | nal Instructi | ons: | | | | | | | | | | | | | | | | | | | | | |
| I, (field san Sampled b | npler), attout to t | he validity a | ind authenti | city of this sample. 1 ar | n aware that tampering v | vith or intentionally misl | abelin | g the san | mple k | ocatio | ın, dat | te or 1 | ime o | f colle | ction i | is cons | idered | d frau | d and | may b | e grounds fo | r legal actio | n. |
| Relinquist | hed by: (Signat | ure) | | Date, | Time | Received by: (angulati | ure) | 1- | | 10 | Date | _ | | - | Time | | | | | _ | | | |
| 12 | x G | \sim | | 1/30/75 | 10:55 m | Cull | M | 10 | en | - | 4. | \mathcal{A} | 12. | 5 | 11 |): 1 | 59 | | | | ampies re | quiring ti | iermai recoived |
| Relinquist | hed by: (Signat | ure) | · · | Date | Time | Received by: (Signati | ure) | | | Ē | Date | <u> </u> | | <u> </u> | Time | | - | | | on i | ce the day | they are | sampled |
| Relinquist | hed by: (Signat | ure) | | Date | Time | Received by: (Signati | ure) | | | ſ | Date | | | | Time | | | | | tem | ip above 0 on subs | but less equent di | than 6oC ays. |
| Relinquist | hed by: (Signat | ure) | | Date | Time | Received by: (Signate | ure) | | | - | Date | | | | Time | | | | | _ | Lab | Use Only | , |
| Relinquist | hed by: (Signati | ure) | | Date | Time | Received by: (Signate | ure) | | | | Date | | | | Time | | | _ | | | Recei | N N | e: |
| Samola Ma | atriv S - Soil Ed - | Solid Se - 9 | | Usous O - Other | L | L | Car | taines 7 | Tunc | | alaca | - | nole | /olac | tio - | | aha- | alace | <u> </u> | | | | |
| Note: San | noles are discar | ded 14 da | vs after res | ults are reported uni | ess other arrangemen | ts are made. Hazardo | us sai | moles w | vill be | retu | rned | to cli | ent o | r disc | osed | <u>s-di</u> ofat | the cl | lient (| exper | vua Ise. Ti | he report fo | or the anal | vsis of the |
| above san | nples is applica | ble only to | those san | ples received by the | laboratory with this C | OC. The liability of the | e labo | pratory is | is limi | ited to | o the | amo | unt p | aid fo | or on | the re | port. | | | | | | |

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Received by OCD: 6/3/2025 12:14:58 PM

Chain of Custody

Page Z of Z

| | Cilor | at Inform | nation | | Invoi | ce Information | | | | | la | h I ls | e On | | | | | | | | | State | <u> </u> |
|--|--|---------------|----------------------|---------------------------|------------------------|-----------------------------|---------|-------------|----------|--------------|--------|------------|--------|----------|-------------|---------|--------|---------|----------|----------|--------------|---------------|-------------|
| Client: T | NT Environr | nental | | | Company: TNT F | nvironmental | | | ab | WO | # | | lob | Num | ber | | 1D | 20 | 3D | Std | NM | COLUT | TX |
| Project | Name: TNT | Landfarr | n - Vados | se l | Address: PO Box | 3520 | | Ĩ | - < | S | S | 57 | 170 | c9. | ∞ | 5 | 10 | | | x | x | | |
| Project | Manager: Er | nilee Sky | /les | - | City. State. Zip: | | | | | ~ | | | | | | | | | | | | | · · · · |
| Address | : 180 E 12th | ו St | | | Phone: | | | | Г | | | | Ana | lysis | and | Met | hod | | | | EP | A Progra | m |
| City, Sta | te, Zip: Dura | ngo, CO | 81301 | | lmail: | | | | Γ | | | | | | | | | | | | SDWA | CWA | RCRA |
| Phone: | 970-946-986 | 59 | | | Miscellaneous: | | | | | | 1 | | | | | | | | | | | | |
| Email: Ir | nnop.env@ | gmail.co | m | | | | | | | 5 | 5 | | | | | | | | | | Compliar | ice Y | or N |
| | | | _ | | | | | | 1 | ŝ | 801 | - | _ | o. | | ŝ | | | | | PWSID # | | |
| | | | | Sample Infor | mation | | | | | Q P | Q þ | 802 | 8260 | 300 | с-3 | Meta | | ž | ř | | p P | | |
| Time Sampled | Date Sampled | Matrix | No. of Containers | | Sample ID | | Filtere | Lab Numb |) ber | DRO/OF | GRO/DF | втех ьу | VOC by | Chloride | TCEQ 100 | RCRA 8 | | BGDOC - | BGDOC | | Samp Tem | Ren | arks |
| 1500 | 4/29/25- | Soil | 1 | | Cell 11 Vadose | | | 11 | | x | x | x | | x | | | | | | | 31 | | |
| 14:40 | 4/25/25 | Soil | 1 | | Cell 12 Vadose | | | 12 | | x | x | x | | x | | | | | | | 3,4 | | |
| 16:23 | 4/29/25 | Soil | 1 | | Cell 13 Vadose | | | /3 | | x | x | x | | x | | | | | | | 4.0 | | |
| 16:35 | 4 falir | Soil | 1 | | Cell 14 Vadose | | | 14 | | x | x | x | | x | | | | | | | 3.8 | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | - | | | | | | | | | |
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| | | | | | | | | | ┥ | _ | | | | | _ | | | | | | | | |
| Additio | nal Instructi | ons: | | | | | | | | | | | | | | | | | I | | | | |
| I, (field san | npler), attest to t | Se validity : | and authenti | city of this sample. I an | aware that tampering v | with or intentionally misla | sbelin | g the sam | mple | locati | on, da | ite or | time o | f colle | ction | is con: | idere | d frau | d and | may b | e grounds fo | r legal actio | n. |
| Sampled b | 1: | | in | Date | Time | Bacabuad bur (Stanati | rol | | | | Date | | | | Time | | | | | | | | |
| | | urej | | 4/211/2 - | 101-A An | Received by: Dignati | W | | | | 4 | m | .2 | | 1/ | 50 | 7 | | | S | amples re | quiring tl | nermal |
| Relinguiel | hv: (Signati | ure) | | Date | Time | Received by (Signate | (rp) | | | [| Date | 20 | C | 2 | IU Time | N | ۱ | | | pre | servation | must be | received |
| | ica oy. (aigiidti | | | | | increived by, (Signatt | | | | | 2400 | | | | 1 | | | | | | ce the day | r they are | sampled |
| Relinquist | Relinquished by: (Signature) Date Time I | | | | | | | | | -+ | Date | | | | Time | | | | | tem | i above C |) but less | than 6oC |
| | |] | | | | | | | | | | | | | | | | on subs | equent d | ays. | | | |
| Relinquist | red by: (Signati | ure) | | Date | Time | Received by: (Signatu | rej | | | | Date | | | | Time | | | | | <u> </u> | Lah | lice Onh | , |
| | | | | | | | , | | | | | | | | | | | | | | Receiv | ved on ic | e: |
| Relinquished by: (Signature) Date Time | | | | | Time | Received by: (Signatu | ıre) | | | | Date | | | | Time | | | | | | E | 9/ N | |
| Sample Ma | trix: S - Soil, Sd - | Solid, Sg - S | Sludge, A - A | l queous, O - Other | I | L | Con | tainer 1 | Type | 2.9- | glass | 5.0- | nolv | /nlas | l tic. 2 | ø - 2r | nher | plac | . v - | | <u> </u> | | · |
| Note: San | Samples are discarded 14 days after results are reported unless other arrangements are made. Hazardous sam | | | | | | | | | | | to cl | ent o | r disp | osed | of at | the c | lient | exper | ise. T | he report fo | or the ana | ysis of the |
| above sar | nples is applica | ble only to | o those san | nples received by the | laboratory with this C | OC. The liability of the | e labo | pratory is | is lim | nited | to the | e amo | unt p | oaid fo | or on | the re | eport. | | | | | _ | |

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Received by OCD: 6/3/2025 12:14:58 PM

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

| | TNT Environmental D | ate Received: | 04/30/25 10:: | 59 | | Work Order ID: | E504307 |
|---|--|--|---|----------------|-------------|----------------|---------------|
| Phone: | (505) 860-6215 D | ate Logged In: | 04/30/25 11:1 | 18 | | Logged In By: | Caitlin Mars |
| Email: | lmnop.env@gmail.com D | ue Date: | 05/07/25 17: | 00 (5 day TAT) | | | |
| Chain of | Custody (COC) | | | | | | |
| 1. Does 1 | he sample ID match the COC? | | Yes | | | | |
| 2. Does t | he number of samples per sampling site location match | the COC | Yes | | | | |
| 3. Were s | amples dropped off by client or carrier? | | Yes | Carrier: Bi | rian Skyles | | |
| 4. Was th | e COC complete, i.e., signatures, dates/times, requested | analyses? | Yes | | | | |
| 5. Were a | Ill samples received within holding time? Note: Analysis, such as pH which should be conducted in th i.e, 15 minute hold time, are not included in this disucssion. | e field, | Yes | | | <u>Commen</u> | ts/Resolution |
| Sample ' | <u>Furn Around Time (TAT)</u> | | | | | | |
| 6. Did th | e 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 th | e sample(s) received intact, i.e., not broken? | | Yes | | | | |
| 10. Were | custody/security seals present? | | No | | | | |
| 11. If yes | s, were custody/security seals intact? | | NA | | | | |
| 12. Was tl | ne sample received on ice? Note: Thermal preservation is not required, if samples are re | ceived within | Yes | | | | |
| 13 800 (| COC for individual sample temps. Samples outside of 0° | PC 6°C will be | | | | | |
| 1.2. 366 (| | | e recoraea in a | comments. | | | |
| Sample (| Container | | e recorded in t | comments. | | | |
| <u>Sample</u> 14. Are a | Container aueous VOC samples present? | e-o e win be | No | comments. | | | |
| 15. See (<u>Sample</u> 14. Are a 15. Are V | Container Queous VOC samples present? /OC samples collected in VOA Vials? | e-o e wiii be | No NA | comments. | | | |
| Sample 14. Are a 15. Are V 16. Is the | <u>Container</u> queous VOC samples present? /OC samples collected in VOA Vials? : head space less than 6-8 mm (pea sized or less)? | C-0 C will be | No NA NA | comments. | | | |
| Sample 14. Are a 15. Are V 16. Is the 17. Was a | Container Queous VOC samples present? /OC samples collected in VOA Vials? thead space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? | C-0 C will be | No NA NA NA NA | comments. | | | |
| See (Sample (14. Are a 15. Are b 16. Is the 17. Was a 18. Are r | <u>Container</u> queous VOC samples present? /OC samples collected in VOA Vials? head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ton-VOC samples collected in the correct containers? | C-0 C win b | No NA NA NA NA Yes | comments. | | | |
| Sample 14. Are a 15. Are v 16. Is the 17. Was a 18. Are r 19. Is the | <u>Container</u> queous VOC samples present? /OC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ton-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers? | s collected? | No NA NA NA Yes Yes | comments. | | | |
| See (Sample 14. Are a 15. Are b 16. Is the 17. Was a 18. Are r 19. Is the Field La | <u>Container</u> queous VOC samples present? /OC samples collected in VOA Vials? e head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers bel | s collected? | No NA NA NA Yes Yes | comments. | | | |
| See (Sample 14. Are a 15. Are V 16. Is the 17. Was a 18. Are r 19. Is the Field La 20. Were | Container Queous VOC samples present? /OC samples collected in VOA Vials? thead space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? Non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers bel field sample labels filled out with the minimum inform | s collected? | No NA NA NA Yes Yes | comments. | | | |
| See (Sample 14. Are a 15. Are V 16. Is the 17. Was 18. Are r 19. Is the Field La 20. Were | Container Quecous VOC samples present? /OC samples collected in VOA Vials? thead space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? Non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers bel field sample labels filled out with the minimum inform sample ID? | s collected? | No NA NA NA Yes Yes Yes | comments. | | | |
| See (Sample 14. Are a 15. Are b 16. Is the 17. Was 18. Are r 19. Is the Field La 20. Were S I | Container Quecous VOC samples present? /OC samples collected in VOA Vials? thead space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ion-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers bel field sample labels filled out with the minimum inform iample ID? Date/Time Collected? | s collected? | No NA NA NA Yes Yes Yes Yes | comments. | | | |
| See (Sample 14. Are a 15. Are 3 16. Is the 17. Was 18. Are 1 19. Is the Field La 20. Were S I | Container Queous VOC samples present? /OC samples collected in VOA Vials? thead space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ton-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers bel field sample labels filled out with the minimum inform sample ID? Date/Time Collected? Collectors name? | s collected? | No NA NA NA Yes Yes Yes No | comments. | | | |
| See (Sample 14. Are a 15. Are 3 16. Is the 17. Was 18. Are 1 19. Is the Field La 20. Were Sample 21. Descent | Container queous VOC samples present? /OC samples collected in VOA Vials? head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ton-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers bel field sample labels filled out with the minimum inform sample ID? Date/Time Collected? Collectors name? Preservation | s collected? | No NA NA NA Yes Yes Yes No | comments. | | | |
| See (Sample 14. Are a 15. Are 3 16. Is the 17. Was 18. Are 1 19. Is the Field La 20. Were Sample 21. Does 22. Are 3 | Container Queous VOC samples present? /OC samples collected in VOA Vials? thead space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers? bel field sample labels filled out with the minimum inform sample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were preserved. | s collected? nation: erved? | No NA NA NA Yes Yes Yes No No | comments. | | | |
| See (Sample 14. Are a 15. Are 3 16. Is the 17. Was 18. Are 1 19. Is the Field La 20. Were Sample 21. Does 22. Are s 24. Is is | Container Queous VOC samples present? /OC samples collected in VOA Vials? thead space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? non-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers? bel field sample labels filled out with the minimum inform cample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were prese ample(s) correctly preserved? | s collected? hation: | No NA NA NA Yes Yes Yes No No NA | comments. | | | |
| 13. See (Sample 14. Are a 15. Are 3 16. Is the 17. Was 18. Are 1 19. Is the Field La 20. Were Sample 21. Does 22. Are s 24. Is lab | Container Quecous VOC samples present? /OC samples collected in VOA Vials? thead space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ion-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers? bel field sample labels filled out with the minimum inform sample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were prese ample(s) correctly preserved? o filtration required and/or requested for dissolved metal | s collected? ation: erved? | No NA NA NA Yes Yes Yes No No NA No | comments. | | | |
| 13. See (Sample 14. Are a 15. Are v 16. Is the 17. Was 18. Are r 19. Is the Field La 20. Were Sample 21. Does 22. Are s 24. Is lab Multiph | Container queous VOC samples present? /OC samples collected in VOA Vials? thead space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ion-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers? bel field sample labels filled out with the minimum inform ample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were prese ample(s) correctly preserved? o filtration required and/or requested for dissolved metal ase Sample Matrix | s collected? ation: erved? | No NA NA NA Yes Yes Yes Yes No No NA No | comments. | | | |
| 13. See (Sample 14. Are a 15. Are v 16. Is the 17. Was 18. Are r 19. Is the Field La 20. Were Sample 21. Does 22. Are s 24. Is lab Multiph 26. Does | Container queous VOC samples present? /OC samples collected in VOA Vials? thead space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ion-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers? bel field sample labels filled out with the minimum inform fample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were prese ample(s) correctly preserved? o filtration required and/or requested for dissolved metal ase Sample Matrix the sample have more than one phase, i.e., multiphase? | s collected? ation: erved? | No NA NA NA NA Yes Yes Yes Yes No No NA No No | comments. | | | |
| 13. See (Sample 14. Are a 15. Are a 15. Are a 16. Is the 17. Was 18. Are a 19. Is the Field La 20. Were Sample 21. Does 22. Are s 24. Is lab Multiph 26. Does 27. If yet | Container queous VOC samples present? /OC samples collected in VOA Vials? head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ion-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers? bel field sample labels filled out with the minimum inform field sample labels indicate the samples were prese ample(s) correctly preserved? o filtration required and/or requested for dissolved metal ase Sample Matrix the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyzed field sample field samp | s collected? ation: erved? ls? d? | No NA NA NA NA Yes Yes Yes No No NA No No NA | comments. | | | |
| 13. See (Sample 14. Are a 15. Are a 15. Are a 16. Is the 17. Was 18. Are a 19. Is the Field La 20. Were Sample 21. Does 22. Are s 24. Is lab Multiph 26. Does 27. If yes Subcont | Container queous VOC samples present? /OC samples collected in VOA Vials? head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ton-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers? bel field sample labels filled out with the minimum inform sample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were prese ample(s) correctly preserved? o filtration required and/or requested for dissolved metal ase Sample Matrix the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyze ract Laboratory | s collected? nation: erved? ls? d? | No NA NA NA Yes Yes Yes No No NA No NA | comments. | | | |
| 13. See (Sample 14. Are a 15. Are ' 16. Is the 17. Was 18. Are r 19. Is the Field La 20. Were Sample I 21. Does 22. Are s 24. Is lab Multiph 26. Does 27. If yes Subcont 28. Are s | Container queous VOC samples present? /OC samples collected in VOA Vials? head space less than 6-8 mm (pea sized or less)? a trip blank (TB) included for VOC analyses? ton-VOC samples collected in the correct containers? appropriate volume/weight or number of sample containers? bel field sample labels filled out with the minimum inform isample ID? Date/Time Collected? Collectors name? Preservation the COC or field labels indicate the samples were prese ample(s) correctly preserved? o filtration required and/or requested for dissolved metal ase Sample Matrix the sample have more than one phase, i.e., multiphase? s, does the COC specify which phase(s) is to be analyze ract Laboratory amples required to get sent to a subcontract laboratory? | s collected? hation: erved? ls? d? | No NA NA NA NA Yes Yes Yes No No No NA No No NA | comments. | | | |

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



envirotech Inc.

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APPENDIX B

Released to Imaging: 7/3/2025 10:33:21 AM

New Mexico Office of the State Engineer Water Column/Average Depth to Water

| (A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) | (R=POD has been replaced, O=orphaned, C=the file is closed) | | | (quart smalle larges | ers are est to t) | | | | | | | | | (In feet) | 1 |
|--|--|--------------|--------|----------------------------|-------------------------|----|-----|-----|-------|----------|-------------|---------------|---------------|----------------|-----------------|
| POD Number | Code | Sub basin | County | Q64 | Q16 | Q4 | Sec | Tws | Range | X | Y | Мар | Well Depth | Depth Water | Water Column |
| <u>SJ 01305</u> | | SJ | RA | SW | NW | SW | 08 | 25N | 03W | 304876.0 | 4031601.0 * | • | 750 | 265 | 485 |
| | | | | | | | | | | | Average | e Dep Mini | oth to V | Vater: 2 | 265 feet |

Maximum Depth: 265 feet

Record Count: 1

Basin/County Search: County: RA

PLSS Search: Range: 03W Township: 25N Section: 8

* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer Wells With Well Log Information

| (A | | | | | | | | | | | | | | | | | | |
|-----------------|---------------|-------|--------|----------|------|---------|----------|-------|--------|----------|----------------|------------|------------|------------|----------|-------------|----------------|---------|
| CLW##### | | | | | | | | | | | | | | | | | | |
| in the | | | | | | | | | | | | | | | | | | |
| POD suffix | | | | | | | | | | | | | | | | | | |
| indicates the | | | | | | | | | | | | | | | | | | |
| POD has | | | | | | | | | | | | | | | | | | |
| been | (R=POD has | | | | | | | | | | | | | | | | | |
| replaced & | been | | | | (qua | rters a | re | | | | | | | | | | | |
| no longer | replaced, | | | | 1=N | W 2=N | ΙE | | | | | | | | | | | |
| serves a | O=orphaned, | | | | 3=S1 | W 4=S | E) | | | | | | | | | | | |
| water right | C=the file is | | | | (qua | rters a | re | | | | | | | | | | | |
| file.) | closed) | | | | smal | lest to | largest) | | | (NAD83 U | JTM in meters) | | | | (i | n feet) | | |
| | | | | | | | | | | | | | | | | Depth Water | | |
| POD | | Sub | | | | | | | | | | Start | Finish | Γοα | Borehole | First | | License |
| Number | Code | basin | County | Source | Q64 | Q16 | Q4 Sec | Tws 1 | Range | X | Y | Date | Date | File Date | Depth | Encountered | Driller | Number |
| 01.04.005 | | 01 | D.4 | | 0147 | | 0111 0.0 | 0511 | 0.0117 | 004070.0 | 4004004.0.* | 1000 11 00 | 1000 10 15 | 4000 04 04 | ==0 | 0.05 | | 000 |
| <u>SJ 01305</u> | | SJ | KA | Artesian | SW | NW | SW 08 | 25N (| 03W | 304876.0 | 4031601.0 * 🥥 | 1980-11-28 | 1980-12-15 | 1982-01-21 | 750 | 265 | CHIVERS, BRYCE | 809 |

Record Count: 1

Basin/County Search: County: RA

PLSS Search:

Range: 03W Township: 25N Section: 8

* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

Received by OCD: 6/3/2025 12:14:58 PM

STATE ENGINEER OFFICE

STATE DE DESERR

SATA COLLER.

Page 369 of 375

Revised June 1972

WELL RECORD

Section 1. GENERAL INFORMATION

MM H 22 Well No JEN 25 ۶RS (A) Owner of well Mr. John E. Schelk Street or Post Office Address P. O. Box 25825 - Albuquerque, N. M. 87125 City and State _____ Well was drilled under Permit No. SJ-1305-1 _____ and is located in the: a. _____ ¼ ____ ¼ _____ ¼ of Section _____ Township ____ 258.____ Range ____ 39 _____ N.M.P.M. b. Tract No._____ of Map No._____ of the ____ c. Lot No. _____ of Block No. _____ of the _ Subdivision, recorded in . County. _____ feet, N.M. Coordinate System_ d. X= _ _____ feet, Y=___ Zone in the _____ Grant. (B) Drilling Contractor C. & C. LIGHIE Removers License No. WD-809 Address P. C. Box 663. Bloomfield. N. M. 87413 Drilling Began II-28-80 Completed I2-15-80 Type tools Rotary Size of hole 7 7/8 in. Elevation of land surface or _______ TT22______ at well is ______ ft. Total depth of well ______ 750 _____ ft. Completed well is 🔲 shallow 🖾 artesian. Depth to water upon completion of well ______265_____ ___ ft. Section 2. PRINCIPAL WATER-BEARING STRATA Depth in Feet Thickness Estimated Yield Description of Water-Bearing Formation in Feet From To (gallons per minute) 620 90 530 Grey & White Water Sand <u>150 gal per mit</u>

Section 3. RECORD OF CASING

| Diameter | Pounds | Thursda | Donth | in Deet | | | | |
|----------|----------|---------|---------|---------|--------|---------------|--------|--------|
| (inches) | rounds | Inreads | Depth | in reet | Length | Type of Shoe | Perfor | ations |
| (menes) | per 100t | per m. | Top | Bottom | (feet) | Type of Silde | From | То |
| 6 5// | 61bs | Welde | 24" abo | 750 | 752 | Drive Shoe | 530* | 620' |
| | | | | · · · · | | | | |
| | | | | | | | | |

| | | Section | 4. RECORD OF | MUDDING AND C | EMENTING | |
|---------------------------------------|----------------|------------------|-------------------|-------------------------|---------------------|--|
| Depth From | in Feet To | Hole Diameter | Sacks of Mud | Cubic Feet of Cement | Method of P | lacement |
| 0 | 750 | 7 7/8 | 46 | | Setting on Bot | tom & |
| | | | | Ų | | |
| [| | | | | | CO |
| Plugging Contr Address | actor | | Section 5. PL | UGGING RECORD | Dep | Cubic Feet |
| Date Well Plug Plugging appro | ged ved by: | - | | | | no of Cement |
| · · · · · · · · · · · · · · · · · · · | | | er Representative | <u>3</u> | | |
| Date Received | 01-21-8 | 32 | FOR USE OF ST | ATE ENGINEER O | VLY | |
| | • • | | ta para para | Quad | FWL | FSL |
| File No | <u>-1305-</u> | Γ | Use _ | Livestock | _ Location No25N.03 | W.08 313 (RA) |
| L | | | 4 | | | and the second |

19.33%

ased to Imaging: 7/3/2025 10:33:21 AM

Received by OCD: 6/3/2025 12:14:58 PM

| Deptil | in reet | Inickness | Color and Type of Material Encountered |
|-------------|-----------|---------------------------------------|--|
| From | То | in Feet | Color and Type of Material Encountered |
| | 20' | -20: | Gray Shale |
| <u>20</u> * | - 35' | 15* | Sand Stone |
| 351 | 5301 | 4951 | Gray Sandy Shale |
| 530+ | 6201 | 90 t | Gray & White Sand (Water Sand) |
| 629+ | 7501 | 130+ | Gray Saudy Shale |
| | | | |
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Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

4 Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten wid swinitted to the appropriate district office of the State Engineer. All sections, if ection 5, shall be answered as completed and curately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.



New Mexico Office of the State Engineer Active & Inactive Points of Diversion

| | (acre ft per annum) | | | | | | | |) has been onger serv the file is c | replaced ves this closed) | (quarte (quarte | ers are 1 ers are s | =NW 2 mallest | =NE 3= to large | SW 4=S st) | E) | (NAD83 UTM | [in meters) | |
|-----------------|------------------------|-----|-----------|-----------------------------|--------|-----------------|-------------|------|---|---------------------------------|--------------------|------------------------|------------------|--------------------|---------------|-------|------------|--------------|-----|
| WR File Nbr | Sub basin | Use | Diversion | Owner | County | POD Number | Well Tag | Code | Grant | Source | q64 | q16 | q4 | Sec | Tws | Range | X | Y | Мар |
| <u>SJ 02431</u> | SJ | DOM | 28.800 | SCHMITZ LAND CO., LLC | RA | <u>SJ 02431</u> | | | | | SW | SW | SW | 04 | 25N | 03W | 306509.0 | 4032770.0 * | ٠ |

Record Count: 1

Filters Applied:

POD Search: Basin: SJ POD Nbr: 02431 Subbasin: SJ

Sorted By: File Number(basin, nbr, suffix)

* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

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| | ON BACK BEFORE FILLING OUT THIS FORM. $\measuredangle \measuredangle 0/1/$ |
|--|--|
| Declaration of Owner of | F Underground Water Right |
| For Turn | enderground water Night |
| Ban blan | ASIN NAME |
| Declaration No. SJ-2431 | Date receivedDecember 9, 1992 |
| 5 | STATEMENT SQ. |
| 1. Name of Declarant Tony Schmitz | |
| Mailing Address HRC 74 Box 115 | Lindrith NM |
| County of <u>Rio Arriba</u> | , State of New Mexico , Fic, |
| 2. Source of water supply SHALLOW WATER A | tesian or shallow water aguifer) |
| 3. Describe well location under one of the following subheading SW SW SW | gs: 4 _ 25N _ 3W |
| Rio Arriba County. | ec Twp Rge N.M.P.M., in |
| b. Tract No of Map No | of the |
| in the leet. f = | feet. N. M. Coordinate System Zone |
| On land owned by <u>Declarant</u> | |
| 4. Description of well: date drilled 1957 | driller_Stevenson_depth_315feet. |
| outside diameter of casing $\frac{6 1/2}{2}$ inches; original c | capacity 15 gal. per min.; present capacity 15 |
| gal. per min.; pumping lift 300 feet: static water | level 255 feet (above) (below) land surface: |
| | |
| make and type of pump | |
| make, type, horsepower, etc., of power plant. | |
| Fractitional or percentage interest claimed in well_ | 100% |
| 5. Quantity of water appropriated and beneficially used | 24 Acre Feet Per Annum |
| for Livestock, House Hold | (acte leet per acte) (acte leet per annum) |
| 6. Acrease actually irrigatedAcres. located a | and described as follows (describe only lands actually irrigated): |
| Subdivision Sec. Two | |
| | p, Range Irrigated Owner |
| | p. Range Irrigated Owner |
| | p. Range Irrigated Owner |
| | p. Range Irrigated Owner |
| | p. Range Irrigated Owner |
| (Note: location of well and acreage actually | p. Range Irrigated Owner |
| (Note: location of well and acreage actually 7. Water was first applied to beneficial use | p. Range Irrigated Owner |
| (Note: location of well and acreage actually (Note: location of well and acreage actually 7. Water was first applied to beneficial use | o. Range Irrigated Owner |
| (Note: location of well and acreage actually (Note: location of well and acreage actually 7. Water was first applied to beneficial use | o. Range Irrigated Owner |
| (Note: location of well and acreage actually (Note: location of well and acreage actually 7. Water was first applied to beneficial use | o. Range Irrigated Owner |
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Section (s) ______, Township ______, Range ______ 3W_____, N. M. P. M.



INSTRUCTIONS

Declaration shall be executed (preferably typewritten) in triplicate and must be accompanied by a \$1.00 filing fee. Each of triplicate copies must be properly signed and attested.

A separate declaration must be filed for each well in use.

All blanks shall be filled out fully. Required information which cannot be sworn to by declarant shall be supplied by affidavit of person or persons familiar with the facts and shall be submitted herewith.

Secs. 1-3. Complete all blanks.

Sec. 4. Fill out all blanks applicable as fully as possible.

Sec. 5. Irrigation use shall be stated in acre feet of water per acre per year applied on the land. If used for domestic, municipal, or other purposes, state total quantity in acre feet used annually.

Sec. 6. Describe only the acreage actually irrigated. When necessary to coverly define irrigated acreages, describe to nearest 3½ acro subdivision. If located on unsurveyed lands, describe by legal supdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and the survey to some permanent, easily-located natural object.

Sec. 7. Explain and give dates as nearly as possible of any years when all or part of acreage claimed was not irrigated.

Sec. 3. If well irrigates or supplies supplemental water to any other land than that described above, or if land is also irrigated from any other source, explain under this section. Give any other data necessary to fully describe water right

If additional space is necessary, use a separate sheet or sheets and attach securely hereto.







STATE OF NEW MEXICO STATE ENGINEER OFFICE ALBUQUERQUE

ELUID L MARTINEZ STATE ENGINEER DISTRICT 1 3311 CANDELARIA, N.E. SUITE A ALBUQUERQUE, NM 87107

December 10, 1992

FILES: SJ-2427, SJ-2428, SJ-2429, SJ-2430, SJ-2431

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Thomas Eppers HCR 31, Box 1139 Roswell, NM 88201

Dear Mr. Eppers:

Enclosed are copies of Declarations of Owner of Underground Water Right for Tony Schmitz which have been accepted for filing. Under New Mexico law, a Declaration is only a statement of declarant's claim. Acceptance for filing does not constitute approval or rejection of the claim.

The 49 Declarations of Ownership of Livestock Water Dam or Tank in the name of Tony Schmitz will be forwarded to you under separate cover.

Very truly yours, Wohlenberg C. A. Wohlenberg

C. A. Wohlenberg (505) 841-9482

sjr Enclosures as stated cc: Santa Fe SEO

See also; thu LWD 385 thu LWD 432

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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

| Operator: | OGRID: |
|-------------------------|--|
| T-N-T ENVIRONMENTAL INC | 22099 |
| PO Box 2530 | Action Number: |
| Farmington, NM 87499 | 469482 |
| | Action Type: |
| | [C-137] SWMF Minor Modification (C-137A) |

| CONDITIONS | | | | |
|---------------|--|-------------------|--|--|
| Created By | Condition | Condition Date | | |
| lbarr | TNT must meet the Table I closure criteria of 19.15.29.12 NMAC when comparing sampling results from the vadose zone for benzene, BTEX, chlorides, and TPH. | 7/3/2025 | | |

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Action 469482