

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

State of New Mexico  
Energy Minerals and Natural  
Resources Department

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

Incident ID	
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party: <b>Enterprise Field Services, LLC</b>	OGRID: <b>241602</b>
Contact Name: <b>Thomas Long</b>	Contact Telephone: <b>505-599-2286</b>
Contact email: <b>tjlong@eprod.com</b>	Incident # (assigned by OCD) <b>nAPP2202747264</b>
Contact mailing address: <b>614 Reilly Ave, Farmington, NM 87401</b>	

### Location of Release Source

Latitude **36.484021** Longitude **-108.11705** NAD 83 in decimal degrees to 5 decimal places)

Site Name: <b>Chaco Plant Produced Water Spill</b>	Site Type <b>Produced Water Pipeline Riser</b>
Date Release Discovered: <b>01/26/2022</b>	Serial # (if applicable) <b>N/A</b>

Unit Letter	Section	Township	Range	County
<b>E</b>	<b>16</b>	<b>26N</b>	<b>12W</b>	<b>San Juan</b>

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: **Enterprise Products**)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

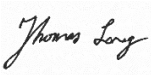
<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls): <b>Estimated 3-5 BBLs</b>	Volume Recovered (bbls): <b>None</b>
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls):	Volume Recovered (bbls):
<input type="checkbox"/> Natural Gas	Volume Released (Mcf):	Volume Recovered (Mcf):
<input type="checkbox"/> Other (describe) Lubrication Oil	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

**Cause of Release:** On January 6, 2022, Enterprise had a release produced water from frozen valve on a riser associated with the plant's three phase separator and the produced water tanks. The associated pipeline was isolated, depressurized, locked and tagged out. No washes or residents were affected. No fire occurred. No emergency services responded. Release liquids affected an area approximately six feet in diameter. Remediation and repairs were initiated on January 24, 2022, and Enterprise determined the release reportable per NMOCD regulation by the volume of impacted soil on January 26, 2022. A third party corrective action report will be submitted with the "Final C-141."


Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

## Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Thomas J. Long</u> Title: <u>Senior Environmental Scientist</u>	
Signature:  Date: <u>1-27-2022</u>	
email: <u>tjlong@eprod.com</u> Telephone: <u>505-599-2286</u>	
<b><u>OCD Only</u></b>  Received by: _____ Date: _____	

# Produced Water Spill Remediation and Groundwater Investigation Report



## Chaco Plant

36.484021, -108.11705

Unit E, Section 16, T26N, R12W

San Juan County, New Mexico

**REVIEWED**

By Mike Buchanan at 2:23 pm, Sep 15, 2023



Incident #nAPP2202747264

Project #04061-0042

Review of the Groundwater Investigation Report for Enterprise Chaco Plant:

**Content is Unsatisfactory**

1. A separate groundwater stage 1 and/or stage 2 abatement plan is required to be submitted to NMOCD as per 19.15.30.13 of the NMAC.  
2. Soil closure requests are required to be submitted under the original C-141 separately for which it was submitted, and shall not be part of groundwater abatement, nor co-mingled as one report.

3. Re-submit a site characterization report for groundwater and a stage 1 abatement plan as required by 19.15.30 of the NMAC.

Mr. Tom Long  
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Farmington, New Mexico  
Phone: (505) 599-2286  
E-mail: [tjlong@eprod.com](mailto:tjlong@eprod.com)



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**Enterprise Field Services, LLC  
Chaco Plant  
Produced Water Spill Remediation and Groundwater Investigation Report  
Incident # nAPP2202747264  
Unit E, Section 16, T26N, R12W  
San Juan County, New Mexico**

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## 1.0 Introduction

Envirotech, Inc. (Envirotech) has been retained by Enterprise Field Services, LLC (Enterprise) to conduct an environmental investigation located at the Chaco Plant located within Unit E, Section 16, Township 26 North, Range 12 West, San Juan County, New Mexico. The site location is further described as latitude 36.484021 and longitude -108.11705, see attached **Figure 1, Vicinity Map**.

This report summarizes activities performed during the groundwater investigation per the *Produced Water Spill Remediation Plan* approved by the New Mexico Oil Conservation Division (NMOCD) on June 30, 2022.

## 2.0 Background

On January 6, 2022, a release of produced water occurred at Enterprise's Chaco Plant due to a frozen valve on a riser associated with the plant's three phase separator and produced water tanks. Approximately 5 barrels of produced water were released, and visible surface impact included a stained area approximately 6 feet in diameter. The subject pipeline was isolated, depressurized, locked, and tagged out. Residential properties and nearby washes/arroyos were not affected; a fire did not occur; and emergency services were not required.

## 3.0 Surface and Ground Water

Based on information provided by the United States Department of Agriculture Natural Resources Conservation Service (NRCS) Web Soil Survey, the soil predominant at the site is the Doak-Uffens complex which consists of alluvium derived from sandstone and shale.

The subject site is 2,376 feet northeast from an unnamed tributary of the West Fork of Gallegos Canyon. Four (4) groundwater monitoring wells exist within the Chaco Plant property. The depth to groundwater in the monitoring wells were reported to be between 12.14 feet and 13.55 feet in August 2021; therefore, depth to water at the subject site is estimated to be less than 50 feet below ground surface (bgs). Drilling activities described subsequently in this report, confirm depth to groundwater is less than 50 feet bgs. Siting criteria documentation for the subject well site is provided in **Appendix A, Siting Documentation**.

## 4.0 Regulatory Standards

Based on the shallow depth of groundwater, the closure criteria for the site were based on the following standards (*19.15.29.12 NMAC and 19.15.29.13 NMAC*):

Constituent	Method	Limit
Chloride	EPA 300.0	600 mg/kg
Total Petroleum Hydrocarbons (TPH)	EPA Method 8015D	100 mg/kg
Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA Method 8021B	50 mg/kg

Constituent	Method	Limit
Benzene	EPA Method 8021B	10 mg/kg

## 5.0 Remediation Excavation

Enterprise initiated remediation activities and repairs on January 24, 2022. Enterprise determined the release was reportable per NMOC regulation by the volume of observed impacted soil and reported the release via C-141 Form on January 26, 2022.

Once the pipeline was repaired and the site location was secure, on April 18 through April 21, 2022, Envirotech personnel and Enterprise's earth work contractor arrived on-site to conduct site remediation activities.

### 5.1 Field Screening Analysis

To direct excavation activities, field screening for volatile organic compounds (VOCs) was conducted with a photo-ionization detector (PID) organic vapor meter (OVM). Prior to performing field screening activities, the PID-OVM was first calibrated with 100 parts per million (ppm) isobutylene gas. Soil samples were also screened in the field for TPH per United States Environmental Protection Agency (EPA) Method 418.1 using an Infracal Total Oil and Grease (TOG)/ TPH Analyzer. A three-point calibration was completed prior to conducting soil screening. Field screening protocol followed the manufacture's operating procedures. Field screening results are summarized below and in **Appendix B, Field Notes**.

Sample ID	Date	VOC (ppm)	TPH using USEPA Method 418.1 (ppm)
CS-01	4/18/2022	2,867	Not Analyzed
CS-02	4/18/2022	2,860	Not Analyzed
CS-03	4/18/2022	1,051	Not Analyzed
CS-04	4/18/2022	431	Not Analyzed
CS-05	4/18/2022	0.2	Not Analyzed
CS-06	4/18/2022	1.2	Not Analyzed
CS-07	4/18/2022	34.8	Not Analyzed
CS-08	4/18/2022	22.0	Not Analyzed
CS-09	4/18/2022	18.0	Not Analyzed
CS-10	4/18/2022	2,883	Not Analyzed
CS-11	04/18/2022	2,831	Not Analyzed
CS-12	4/18/2022	2,759	Not Analyzed

Sample ID	Date	VOC (ppm)	TPH using USEPA Method 418.1 (ppm)
CS-13	4/18/2022	2,832	Not Analyzed
CS-14	4/19/2022	1,589	44
CS-15	4/19/2022	57.8	36
CS-16	4/19/2022	2,813	36
CS-17	4/19/2022	71.1	56
CS-18	4/19/2022	89.2	52
CS-19	4/19/2022	2,765	156
CS-20	4/19/2022	2,758	1,624
CS-21	4/19/2022	1,085	108
CS-22	4/20/2022	820	152
CS-23	4/20/2022	652	32
CS-24	4/20/2022	105.2	12
CS-25	4/20/2022	2,798	756
CS-26	4/20/2022	377.5	36
CS-27	4/20/2022	2,795	96
CS-28	4/21/2022	290.4	96
CS-29	4/21/2022	2,830	2,928

The final excavation measured approximately 25 feet long by 20 feet wide by 25 feet deep. A total of 631 cubic yards of contaminated soil was transported to a permitted facility for disposal; see enclosed **Appendix C, Waste Documentation**.

### 5.2 Confirmation Sampling Activities

Enterprise notified the NMOCD prior to collecting confirmation samples at the site. Confirmation samples were collected on April 21 and April 28, 2022. A total of seventeen (17) five-point composite soil samples were collected from the excavation for laboratory analysis. Samples collected were representative of the walls and base of the excavation. All samples collected were representative of 200 square feet (ft<sup>2</sup>) or less. The soil samples were placed into an individual laboratory provided 4-ounce jar, capped head space free, and transported on ice to Envirotech Analytical Laboratory under strict chain of custody. The soil sample locations are illustrated in **Figure 2, Remediation Excavation Site Map** and in **Appendix D, Site Photography**.

### 5.3 Laboratory Analytical Results

The soil samples were analyzed per analytical methods referenced in 19.15.29.12 NMAC. Laboratory results indicate soils are contaminated above applicable regulatory standards for TPH, benzene, and total BTEX in two (2) of the seventeen (17) samples (CS-45 and CS-46). These soil samples were collected from the north and west walls at depths representative of 22 to 25 feet bgs. Analytical results are summarized in **Table 1, Summary of Remediation Excavation Soil Analytical Results** and **Appendix E, Laboratory Analytical Report**.

### 5.4 Continued Remediation Actions

Contaminant concentrations exceeding Tier I standards only exist in the capillary fringe/smear zone with approximately 22 feet of clean overburden material. Therefore, contaminant mass removal by excavating was determined not to be a practicable remediation method. On May 5, 2022, Enterprise proposed, to NMOCD, the application of a hydrogen peroxide solution to the excavation side walls followed by backfilling the excavation with clean fill material. The alternative remediation action was verbally approved by an NMOCD representative on May 5, 2022.

On May 16, 2022, Envirotech, Unlimited Construction, and Enterprise's earth work contractor arrived on-site to apply the 50% hydrogen peroxide solution to the excavation. Utilizing a hose and sprayer, approximately 210 gallons of the solution was applied to the excavation; see enclosed **Appendix D**. The excavation was backfilled with clean fill material no less than 24-hours after the hydrogen peroxide solution was applied. The SDS for the hydrogen peroxide solution is included in **Appendix F, BioSol HP50 Safety Data Sheet**.

## 6.0 Site Characterization and Delineation

The site groundwater investigation was completed per the remediation plan approved by the NMOCD on June 30, 2022.

### 6.1 Permits and Notifications

On May 27, 2022, an *Application for Permit to Drill A Well with No Consumptive Use of Water* was submitted to the District V Office of the New Mexico Office of the State Engineer (NMOSE), which was approved on June 14, 2022 (**Appendix G, NMOSE Permit Approval Letters**). Additionally, a project notification was submitted to the NMED Program Manager on June 24, 2022, see enclosed **Appendix H, Regulatory Correspondence**. An underground utility locate request was submitted to the New Mexico 811 program 48-hours prior to the initiation of the groundwater investigation.

### 6.2 Soil Boring Installation

Prior to soil boring installation activities, Enterprise's contractor hydroexcavated the soil boring locations to a depth of 6 feet bgs. On June 27 through 29, 2022, HRL Compliance Solutions, a New Mexico licensed drilling contractor, advanced soil borings utilizing a drill rig equipped with a



hollow stem auger (HSA) (4.25-inch augers and a 2-inch by 18-inch split-spoon sampling system). Five (5) soil borings were advanced in the vicinity of the former remediation excavation per 19.27.4 NMAC. Auger refusal was encountered at approximately 40-42.5 feet bgs with the exception of SB-4. SB-4 was advanced to 54.04 feet bgs. Ground water was encountered at approximately 47.5 feet bgs. Soil boring locations are illustrated in **Figure 3, Soil Boring Site Map**.

### 6.3 Field Screening

Field personnel conducted field screening every 5-feet to evaluate, describe, and record lithology per the Unified Soil Classification System, hydrocarbon vapors, odor, and all other observations pertinent to the geology of the site. Field screening results and observations were recorded on a field soil boring/monitoring well log form and are appended in **Appendix B**. Field screening for VOC vapors was conducted with a PID-OVM. Prior to commencing field screening activities, the PID-OVM was calibrated with 100 ppm isobutylene gas. The following protocol outlines the steps in which the soil samples were field screened:

- Using a clean, 32-oz glass jar half-filled with sample (the volume ratio of soil to air is equal), the jar was immediately sealed using aluminum foil and the jar lid ring. The jar was lightly shaken in order to break up any soil clusters. Note, the soil was immediately transferred to field screening jars after the sampler was opened.
- The jar was then placed under the vehicle floor heater to allow headspace development for at least 10 minutes. The jar was then vigorously shaken for 15 seconds at the beginning and end of the headspace development period.
- After headspace development, the instrument sampling probe was introduced through a small opening in the foil seal to a point about one-half of the headspace depth.
- The highest meter response was recorded on the field notes form. Maximum response usually occurs within about two seconds. Analytical samples were not collected from the jar.

All equipment was thoroughly decontaminated between uses with Alconox and freshwater rinse followed by a second rinse using deionized water. The following table summarizes the soil boring installation observations, and the borings are illustrated in **Appendix B** and **Figure 3**.

Soil Boring ID	Groundwater Depth	Total Depth of Boring	Notes
SB-1/MW-1	Dry	40 feet	Sand, clay, no odor, auger refusal at 40 feet; VOCs ranged from 0.0 ppm to 1.6 ppm
SB-2/MW-2	Dry	42.5 feet	Clean backfill from 0-25 feet bgs, Clayey sand; hydrocarbon odor, auger refusal at 42.5 feet bgs; VOCs ranged from 976 ppm to 5,202 ppm

Soil Boring ID	Groundwater Depth	Total Depth of Boring	Notes
SB-3/MW-3	Dry	40 feet	Clean backfill from 0-25 feet bgs, Sandy clay, cobble; no odor, auger refusal at 40 feet bgs; VOCs ranged from 0.0 ppm to 5.1 ppm
SB-4/MW-4	47.5	54.05 feet	Clean backfill from 0-25 feet bgs, Sandy clay, sand, coarse sand; slight hydrocarbon odor; VOCs ranged from 113.7 ppm to 311.6 ppm
SB-5/MW-5	Dry	40 feet	Coarse sand, sandy clay, clay; slight odor starting at 20 feet; auger refusal at 40 feet bgs; VOCs ranged from 0.0 ppm to 3.9 ppm

#### 6.4 Soil Sample Collection

Two (2) soil samples were collected for laboratory analysis from each soil boring: one (1) within the vadose zone based on highest VOCs concentration utilizing a PID, visible staining and/or odor and one (1) from immediately above the static water level.

Soil samples were collected in laboratory supplied 4-ounce glass jars, capped head space free, and transported on ice under strict chain of custody protocol to Envirotech Analytical Laboratory in Farmington, New Mexico. Soil boring samples were analyzed for BTEX per EPA Method 8021; TPH per EPA Method 8015; and for chloride per EPA Method 300.0.

#### 6.5 Monitoring Well Completion and Development

SB-4 was completed as a monitoring well using 2-inch Schedule 40 PVC threaded flush joint casing with 10 feet of 0.010 slot screen. The annulus of the well was filled with 10-20 Colorado silica sand to at least 2 feet above the screened interval, followed by 3 feet of bentonite chips hydrated with fresh water, and completed with cement grout to the ground surface. A flush mount, traffic rated meter box completion was cemented in place at the surface. A watertight j-plug with capabilities of being locked was placed on the top of the casing. The location of the newly installed monitoring well is depicted on **Figure 3** and site activities are documented in **Appendix D**.

#### 6.6 Groundwater Monitoring Well Development

On July 5, 2022, Envirotech personnel developed the new well utilizing an alternating pumping and surging technique using a disposable bailer and pump. The development was completed until water quality parameters stabilized within acceptable parameters per Envirotech's Standard Operating Procedure (SOP) for monitoring well development and sampling. Envirotech's subject SOP states water quality parameters are considered stable when three (3) consecutive measurements meet the following:

- Temperature is within 2°C;
- pH is within one (1) standard unit;
- Specific conductance/conductivity is within 3%;
- Dissolved oxygen (DO) is within 10%; and
- Oxidation reduction potential (ORP) is within 10 mV.

Purged water was discharged into a barrel, labeled appropriately, and staged onsite for later disposal. A *Monitoring Well Data Form* was used to record the volume of water removed and water quality parameters measured during well development activities, which are included in **Appendix B**.

## **7.0 Groundwater Monitoring and Sampling**

NMOCD was notified of the groundwater monitoring and sampling activities on June 30, 2022; see **Appendix H**. On July 7, 2022, Envirotech completed the groundwater monitoring event which included gauging the static water level, recording water quality data, and the collection of groundwater samples for laboratory analysis. The following sections discuss the groundwater sampling protocol utilized.

### **7.1 Depth-to-Water & Groundwater Quality Parameters Measurement**

The static water level was measured and recorded for the monitoring well. The well was opened prior to taking a measurement and was provided sufficient time for the static water level to stabilize/equilibrate. The water level was measured from the north side of the well using an oil-water interface probe.

Once depth-to-water measurements were collected, the well was purged using a new disposable bailer and minimum of three (3) well volumes were removed from the well prior to sampling. Low-flow ground water sampling was not used due to issues with the pump. A calibrated YSI Multi-Parameter system, conductivity, pH, dissolved oxygen, and temperature were measured and recorded after stabilization. Depth-to-water (relative to top-of-casing), purged well volumes, and groundwater quality parameter measurements were recorded in the field notes; see appended **Appendix B**.

### **7.2 Groundwater Sample Collection & Analysis**

The sample was decanted into laboratory supplied containers. The containers were labeled appropriately with the well identifier, collection time, and date and immediately placed into a cooler with ice. Samples were transported on ice under chain of custody to Envirotech Analytical Laboratory. Samples were analyzed for the full suite VOCs per EPA Method 8260; Cations per EPA Method 6010 (dissolved) and Anions including Chloride per EPA Method 300.0.

### **7.3 Groundwater Potentiometric Data and Parameters**

Based on information obtained from Google Earth Pro, ground surface elevation is estimated to

be 6,039 feet above mean sea level (amsl). The potentiometric surface of MW-4 was 48.59 feet below the top-of-casing at the site. Groundwater elevation is calculated to be 5,990.41 feet. Water quality parameters collected from MW-4 are summarized below and appended in **Appendix B**.

- DO was recorded at 5.48 mg/L.
- ORP was recorded at -12.0 mV.
- Specific conductance was recorded at 4,295  $\mu$ S/cm.
- Temperature was recorded at 15.23 °C.
- pH was recorded at 5.48 standards units.

## **8.0 Laboratory Analytical Results**

### **8.1 Soil Sample Analytical Results**

#### **8.1.1 VOCs**

Benzene was detected in MW-2/SB2 @ 35 feet at a concentration of 0.027 mg/kg and BTEX was detected at 0.0971 mg/kg. Benzene was detected in MW4/SB4 @ 54 feet at a concentration of 0.14 mg/kg and BTEX was detected at 0.5502 mg/kg.

#### **8.1.2 TPH**

Laboratory analytical results for soil samples analyzed for TPH reported concentrations below laboratory detection limits in all samples analyzed.

#### **8.1.3 Chlorides**

Chloride was detected in MW-2/SB-2 @ 30 feet and MW4/SB4 @ 30 feet at concentrations of 33.9 mg/kg and 36 mg/kg, respectively. All other samples analyzed returned results below the laboratory detection limit of 20.0 mg/kg.

Laboratory analytical results are summarized in the enclosed **Table 2, Summary of Soil Boring Soil Analytical Results** and laboratory reports are provided in **Appendix E**.

### **8.2 Groundwater Sample Results**

#### **8.2.1 Groundwater Contaminants**

Laboratory analytical results were compared to the New Mexico Water Quality Control Commission's (WQCC) numerical standards for select COCs provided in 20.6.2.3103 *New Mexico Administrative Code (NMAC)*. These standards and laboratory analytical results are summarized in the enclosed **Table 3, Summary of Groundwater Analytical Results** and laboratory reports are provided in **Appendix H**.

VOCs were below the laboratory detection limits for all constituents with the exception of benzene, ethylbenzene, toluene, and total xylenes. Cations and anions were below the laboratory detection

limits for all constituents with the exception of chloride and sulfate. VOCs, cations, anions, and TDS analytical results are summarized below:

- Benzene returned a result of 0.216 mg/L, which is **above** the regulatory standard of 0.005 mg/L.
- Ethylbenzene returned a result of 0.0484 mg/L, which is below the regulatory standard of 0.7 mg/L.
- Toluene returned a result of 0.838 mg/L, which is below the regulatory standard of 1.0 mg/L.
- Total xylenes returned a result of 0.4 mg/L, which is below the regulatory standard of 0.62 mg/L.
- Chloride returned a result of 63.7 mg/L, which is below the regulatory standard of 250 mg/L.
- Sulfate returned a result of 3,980 mg/L, which is **above** the regulatory standard of 600 mg/L.
- TDS returned a result of 5,060 mg/L, which is **above** the regulatory standard of 1,000 mg/L.

## 9.0 Discussion

### 9.1 Monitoring Well Installation

The soil samples were compared to Table 1-Closure Criteria for Soils impacted by a Release in 19.15.29.12 NMAC. Based on depth to groundwater being confirmed at less than 50 feet during soil boring/monitor well installation activities, the most stringent closure standards were used. BTEX, TPH, and chlorides were below laboratory detection limits and/or regulatory standards. Based on the analytical results, the impacted soil remaining in place has been fully delineated both horizontally and vertically.

### 9.2 Groundwater Monitoring and Sampling

Groundwater analytical results were compared to standards provided in 20.6.2.3103 NMAC. Concentrations of targeted VOCs in the groundwater monitoring well were below applicable standards with the exception of benzene. Cations and anions were below the applicable standards with the exception of sulfate. TDS was detected above the applicable standards at a concentration of 5,060 mg/L.

## 10.0 Conclusion

### 10.1 Soil

Based on the source removal of PCS and the subsequent in situ remediation of the residual hydrocarbons, it is Envirotech's opinion that the impacted soil has been successfully remediated to levels that are protective of human health and the environment. This is further supported by the laboratory analytical results of the delineating soil borings. Petroleum hydrocarbons were



detected well below applicable release closure criteria in all soil borings. Therefore, Envirotech recommends requesting a **No Further Action** status regarding the remediation excavation.

## 10.2 GROUNDWATER

Based on the analytical results, groundwater has been impacted by the produced water line release. The groundwater monitoring, sampling, and analysis should continue until contaminant concentrations are in-compliance with 20.6.2.3103 NMAC standards for eight (8) consecutive quarterly monitoring events in all monitoring wells. The soil borings that did not encounter groundwater have been left open for potential future remediation/delineation activities.

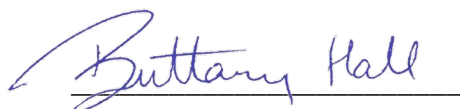
## 11.0 Statement of Limitations

The work and services provided were in accordance with NMOCD and GWQB standards. All observations and conclusions provided here are based on the information and current site conditions found at the subject site. This work has been conducted and reported in accordance with generally accepted professional practices in geology, engineering, environmental chemistry, and hydrogeology.

Envirotech appreciates the opportunity to provide environmental consulting services on behalf of Enterprise Field Services, LLC. Please contact our office at (505) 632-0615 should you have any questions or require additional information.

Respectfully submitted,  
**ENVIROTECH, INC.**

Reviewed by:



Brittany Hall  
Environmental Project Scientist  
[bhall@envirotech-inc.com](mailto:bhall@envirotech-inc.com)



Greg Crabtree, PE  
Environmental Manager  
[gcrabtree@envirotech-inc.com](mailto:gcrabtree@envirotech-inc.com)

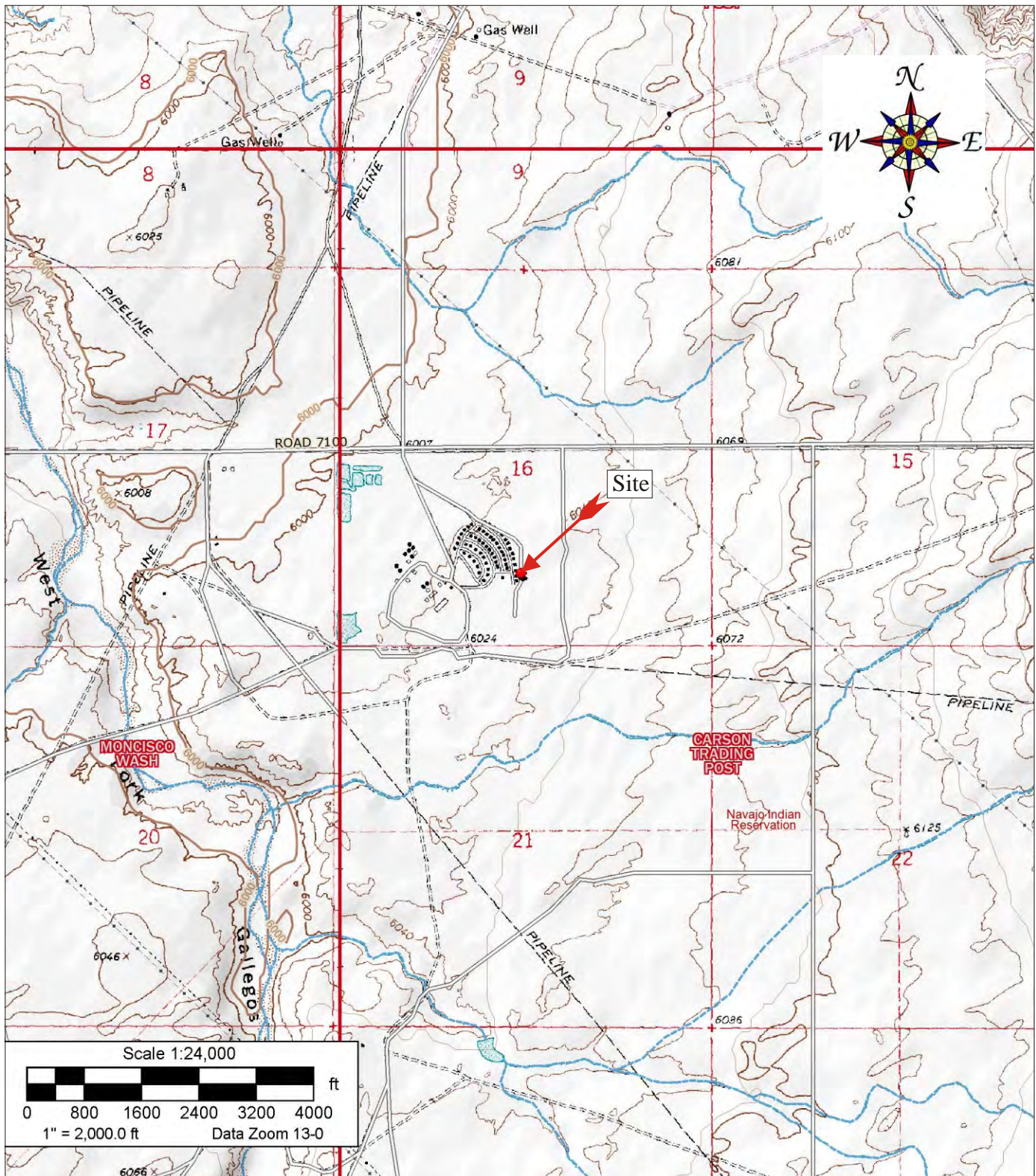
# Figures



**Figure 1, *Vicinity Map***  
**Figure 2, *Remediation Excavation Site Map***  
**Figure 3, *Soil Boring Site Map***



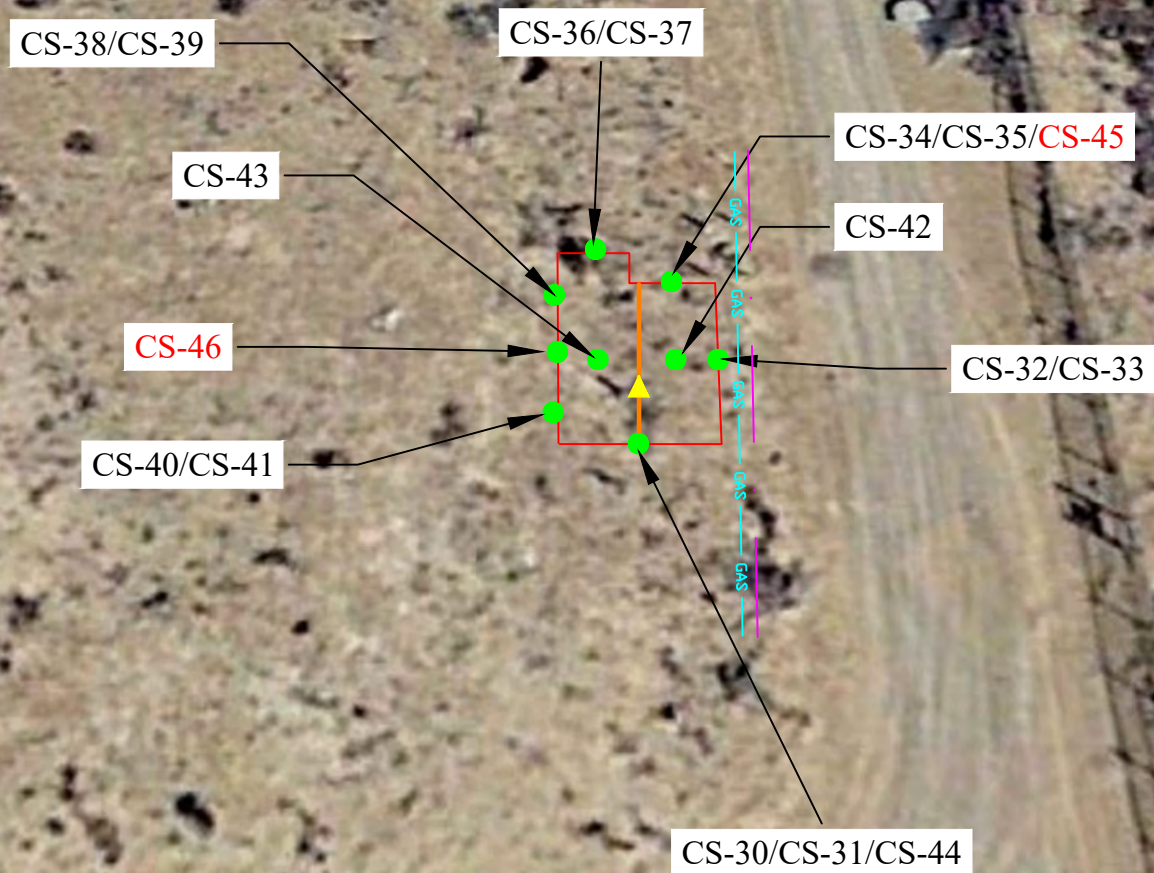
**Practical Solutions for a Better Tomorrow**



Source: 7.5 Minute, Carson Trading Post, New Mexico U.S.G.S. Topographic Quadrangle Map  
 Scale: 1:24,000 1" = 2,000

<div>Enterprise Field Services, LLC. Remediation and Groundwater Investigation Report Chaco Plant San Juan County, New Mexico 36.483783, -108.117059 Incident #nAAP2202747264</div>		<div><div>5796 U.S. HIGHWAY 64 Farmington, New Mexico 87401 505.632.0615</div></div>	Vicinity Map	
			Figure #1	
Project Number: 04061-0042	Date Drawn: 07/18/2022		DRAWN BY: Brittany Hall	PROJECT MANAGER: Greg Crabtree





Overall Excavation Dimensions 25 ft (west wall) x 20 ft x 26 ft BGS

Red sample names depict results above regulatory limits

#### Legend

- Excavation
- Pipeline
- ▲ - Pipeline Riser
- - Five point composite sample locations

CS-30/CS-31/CS-44 - 2 to 4 ft/ 4 to 22 ft/22 to 25 ft



**envirotech**

Released to: Imaging 8/13/2025 11:48:27 AM 505-632-0615

MAP DRAWN BY:

GB  
04/25/2022

REVISIONS BY:

KJCS  
5/4/2022

APPROVED BY:

NAME  
DATE

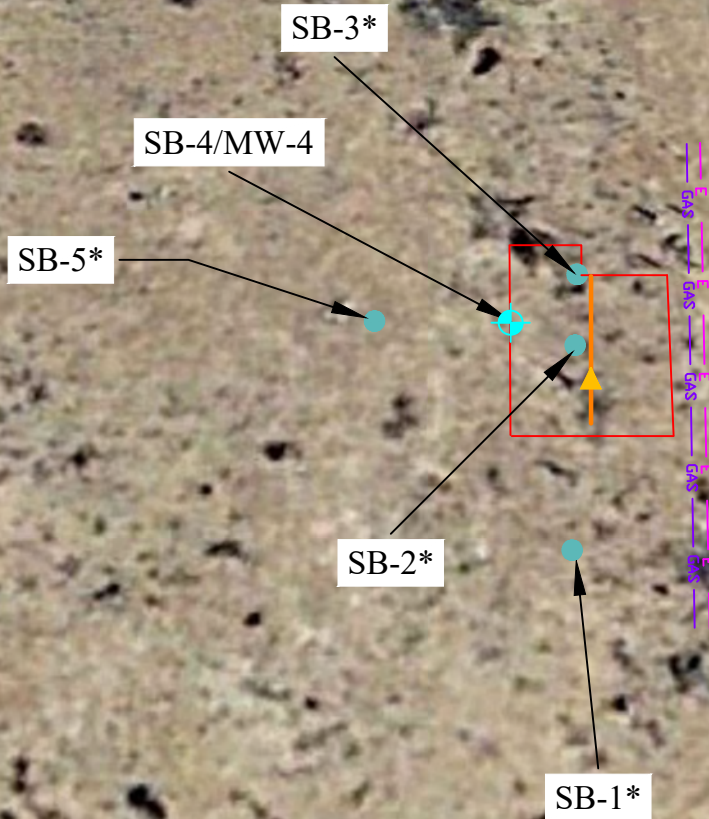
Scale

Figure 2, Remediation Excavation Site Map

Enterprise Field Services, LLC  
Remediation and Groundwater Investigation Report  
Chaco Plant  
San Juan County, New Mexico  
36.483783°, -108.117059°  
Incident # nAPP2202747264  
Project #04061-0040



Overall Excavation Dimensions:  
25 ft (west wall) x 20 ft x 26 ft BGS



\*- Auger refusal met during boring activities.  
Borings were not converted into monitoring wells.

#### Legend

- Remediation Excavation
- Pipeline
- - Underground Electrical Line
- ▲ - Pipeline Riser
- ⊕ - Soil boring/Monitoring well location
- - Soil boring locations

MAP DRAWN BY:  
BAH  
05/23/2022

REVISIONS BY:  
BAH  
07/27/2022

APPROVED BY:  
NAME  
DATE

Scale

## Figure 3, Soil Boring Site Map

Enterprise Field Services, LLC  
Groundwater Investigation Report  
Chaco Plant  
San Juan County, New Mexico  
36.483783°, -108.117059°  
Incident # nAPP2202747264  
Project #04061-0042





# Tables



**Table 1, *Summary of Remediation Excavation Soil Analytical Results***

**Table 2, *Summary of Soil Boring Soil Analytical Results***

**Table 3, *Summary of Groundwater Analytical Results***



**Practical Solutions for a Better Tomorrow**

Table 1, Summary of Remediation Excavation Soil Analytical Results  
Enterprise Field Services, LLC  
Chaco Plant  
Unit E, Section 16, Township 26N, Range 12W  
San Juan County, New Mexico  
Project #04061-0062

Sample Description	Date	Sample Location (ft)	EPA Method 8015			EPA Method 8021		EPA Method 300.0
			GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	Benzene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
NMOCD Reclamation Closure Criteria (Table 1 - 19.15.29.12 NMAC)			100 mg/kg			10 mg/kg	50 mg/kg	600 mg/kg
CS-13	4/18/2022	Test Pit (22)	1,610	<25.0	<50.0	27.5	605.5	<20.0
CS-30	4/21/2022	South Wall (0 to 4)	<20.0	<25.0	<50.0	<0.025	0.0268	<20.0
CS-31	4/21/2022	South Wall (4 to 20)	<20.0	<25.0	<50.0	<0.025	0.529	<20.0
CS-32	4/21/2022	East Wall (0 to 4)	<20.0	<25.0	<50.0	<0.025	<0.1	31.0
CS-33	4/21/2022	East Wall (4 to 20)	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-34	4/21/2022	North Wall - NE Quad (0 to 4)	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-35	4/21/2022	North Wall-NE Quad (4 to 22)	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-36	4/21/2022	North Wall-NW Quad (0 to 4)	<20.0	<25.0	<50.0	<0.025	<0.1	29.3
CS-37	4/21/2022	North Wall- NW Quad (4 to 22)	48.3	<25.0	<50.0	0.300	16.67	20.2
CS-38	4/21/2022	North West Wall (0 to 4)	<20.0	<25.0	<50.0	<0.025	0.0341	<20.0
CS-39	4/21/2022	North West Wall (4 to 22)	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-40	4/21/2022	SouthWest Wall (0 to 4)	<20.0	<25.0	<50.0	<0.025	<0.1	<20.0
CS-41	4/21/2022	South West Wall (4 to 22)	<20.0	<25.0	53.9	0.187	<0.1	<20.0
CS-42	4/28/2022	East Base @ 26	<20.0	<25.0	<50.0	0.259	4.309	<20.0
CS-43	4/28/2022	West Base @ 26	<20.0	<25.0	<50.0	0.0283	1.135	<20.0
CS-44	4/28/2022	South Wall ( 22 to 25)	<20.0	<25.0	<50.0	0.0305	1.209	<20.0
CS-45	4/28/2022	North Wall (22 to 25)	912	35.1	<50.0	17.7	423.2	<20.0
CS-46	4/28/2022	West Wall (22 to 25)	13,000	124	<50.0	691	5,648	<20.0

Not Used for Closure Criteria

RED - over regulatory standard

**Table 2, Summary of Soil Boring Soil Analytical Results**  
**Enterprise Field Services, LLC**  
**Chaco Plant**  
**Unit E, Section 16, Township 26N, Range 12W San Juan**  
**County, New Mexico**  
**Project #04061-0042**

Laboratory Sample ID	Date	Sample Description	EPA Method 8015			EPA Method 8021		EPA Method 300.0
			GRO	DRO	ORO	Benzene	Total BTEX	Chlorides
NMOCD Release Closure Criteria (Table 1 - 19.15.29.12 NMAC)			100 mg/kg			10 mg/kg	50 mg/kg	600 mg/kg
MW-1/SB1 @ 24	6/27/2022	SB 1 at 24 feet bgs	<20.0	<25.0	<50.0	<0.0250	<0.1	<20.0
MW-1/SB1 @ 26		SB 1 at 26 feet bgs	<20.0	<25.0	<50.0	<0.0250	<0.1	<20.0
MW-1/SB1 @ 35		SB 1 at 35 feet bgs	<20.0	<25.0	<50.0	<0.0250	<0.1	<20.0
MW-2/SB2 @ 25		SB 2 at 25 feet bgs	<20.0	<25.0	<50.0	<0.0250	<0.1	<20.0
MW-2/SB2 @ 30		SB 2 at 30 feet bgs	<20.0	<25.0	<50.0	<0.0250	<0.1	33.9
MW-2/SB2 @ 35		SB 2 at 35 feet bgs	<20.0	<25.0	<50.0	0.0270	0.0971	<20.0
MW3/SB3 @ 25	6/28/2022	SB 3 at 25 feet bgs	<20.0	<25.0	<50.0	<0.0250	<0.1	<20.0
MW3/SB3 @ 35		SB 3 at 35 feet bgs	<20.0	<25.0	<50.0	<0.0250	<0.1	<20.0
MW4/SB4 @ 30		SB 4 at 30 feet bgs	<20.0	<25.0	<50.0	<0.0250	<0.1	36
MW4/SB4 @ 40		SB 4 at 40 feet bgs	<20.0	<25.0	<50.0	<0.0250	<0.1	<20.0
MW4/SB4 @ 54		SB 4 at 54 feet bgs	<20.0	<25.0	<50.0	0.14	0.5502	<20.0
MW5/SB5 @ 15	6/29/2022	SB 5 at 15 feet bgs	<20.0	<25.0	<50.0	<0.0250	<0.1	<20.0
MW5/SB5 @ 35		SB 5 at 35 feet bgs	<20.0	<25.0	<50.0	<0.0250	<0.1	<20.0

SB = Soil boring

bgs = below ground surface



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Table 3, Summary of Ground Water Analytical Results  
Enterprise Field Services, LLC  
Chaco Plant  
Unit E, Section 16, Township 26N, Range 12W  
San Juan County, New Mexico  
Project #04061-0042

NMWQCC Contaminants of Concern (20.6.2.3103, NMAC)	Sample Date	July 7, 2022
	Sample Description	
	Pollutant Level	MW-4
	mg/L	
	Volatile Organic Compounds (VOC) EPA Method 8260B	
1,1,1-Trichloroethane	0.200	<0.010
1,1,2,2-Tetrachloroethane	0.010	<0.010
1,1,2-Trichloroethane	0.010	<0.010
1,1,2-Trichloroethylene (TCE)	0.005*	<0.010
1,1-Dichloroethane	0.025	<0.010
1,1-Dichloroethylene (Dichloroethene)	0.007*	<0.010
1,2,4-Trichlorobenzene	0.070	<0.010
1,2-Dibromoethane (EDB)	0.00005*	<0.020
1,2-Dichlorobenzene	0.600	<0.010
1,2-Dichloroethane (EDC)	0.005*	<0.010
1,2-Dichloropropane	0.005*	<0.010
1,4-Dichlorobenzene	0.075	<0.010
Benzene	0.005	0.216
Carbon tetrachloride	0.005*	<0.010
Chloroform	0.100	<0.050
cis-1,2-Dichloroethene	0.070	<0.010
Ethylbenzene	0.7	0.0484
Methylene Chloride	0.005*	<0.020
1-Methylnaphthalene	0.03*	<0.100
2-Methylnaphthalene		<0.100
Naphthalene		<0.050
Tetrachloroethylene/ethene (PERC)	0.005*	<0.010
Toluene	1.00	0.838
trans-1,2,Dichloroethene	0.100	<0.010
Vinyl Chloride	0.002*	<0.020
Methyl tert-Butyl Ether (MTBE)	0.1*	<0.010
Styrene	0.1*	<0.010
Xylenes (Total)	0.620	0.4
TDS and Anions (EPA Method 300.0/9056A)		
Chloride	250	63.7
TDS	1,000	5,060
Sulfate	600	3,980
Nitrite	1*	<5.00
Fluoride	1.6*	<5.00
Nitrate	10.0	<5.00

BOLD - above applicable regulatory standard; \*- laboratory detection limit above regulatory standard

# Appendix A



## *Siting Criteria*



Practical Solutions for a Better Tomorrow



<b>Site Name:</b>	Chaco Plant Produced Water Spill			
<b>API #/Incident #</b>	nAPP2202747264			
<b>Lat/Long:</b>	36.484021, -108.11705			
<b>TRS:</b>	Unit E, Section 16, T26N, R12W			
<b>Land Jurisdiction:</b>	Private			
<b>County:</b>	San Juan			
<b>Wellhead Protection Area Assessment</b>				
<b>Water Source Type (well/spring/stock pond)</b>	<b>ID</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Distance</b>
<b>Distance to Nearest Significant Watercourse</b>				
2,376 feet to unnamed tributary northeast of spill location				
<b>Depth to Groundwater Determination</b>				
Cathodic Report/Site Specific Hydrogeology				
Elevation Differential				
Water Wells	Groundwater monitoring well on site indicate groundwater is less than 50 feet bgs			
<b>Sensitive Receptor Determination</b>				
<300' of any continuously flowing watercourse or any other significant watercourse	No			
<200' of any lakebed, sinkhole or playa lake (measured from the Ordinary High Water	No			
<300' of an occupied permanent residence, school, hospital, institution or church	No			
<500' of a spring or private/domestic water well used by <5 households for domestic or stock watering purposes	No			
<1000' of any water well or spring	No			
Within incorporated municipal boundaries or within a defined municipal fresh water well	No			
<300' of a wetland	No			
Within the area overlying a subsurface mine	No			
Within an unstable area	No			
Within a 100-year floodplain	No			
<b>DTW Determination</b>	<b>≤50</b> <input checked="" type="checkbox"/>	<b>50-100</b> <input type="checkbox"/>	<b>&gt;100</b> <input checked="" type="checkbox"/>	
Benzene	10	10	10	
BTEX (mg/kg)	50	50	50	
8015 TPH (GRO/DRO) (mg/kg)	Not Applicable	1,000	1,000	
8015 TPH (GRO/DRO/MRO) (mg/kg)	100	2,500	2,500	
Chlorides (mg/kg)	600	10,000	20,000	



Practical Solutions of a Better Tomorrow



**TABLE 4**  
**Chaco Plant 3 Phase Separator (7/22/20)**  
**GROUNDWATER ELEVATIONS**

Well I.D.	Date	Depth to Product (feet BTOC)	Depth to Water (feet BTOC)	Product Thickness	Total Well Depth (feet BTOC)	Screen Interval (feet BTOC)	TOC Elevations (feet AMSL)	Groundwater Elevation (feet AMSL)
EW-1	8.6.21	ND	12.29	ND	20	10-20	6026.96	6014.67
EW-2	8.6.21	ND	12.27	ND	20	10-20	6026.78	6014.51
EW-3	8.6.21	ND	13.55	ND	20	10-20	6028.28	6014.73
EW-4	8.6.21	ND	12.14	ND	20	10-20	6026.83	6014.69

## Notes:

Monitoring wells surveyed in September 2021

BTOC - below top of casing

AMSL - above mean sea level

TOC - top of casing



# New Mexico Office of the State Engineer

## Wells with Well Log Information

No wells found.

**PLSS Search:**

**Section(s):** 16      **Township:** 26N      **Range:** 12W

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.







# National Flood Hazard Layer FIRMMette



108°7'20"W 36°29'17"N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



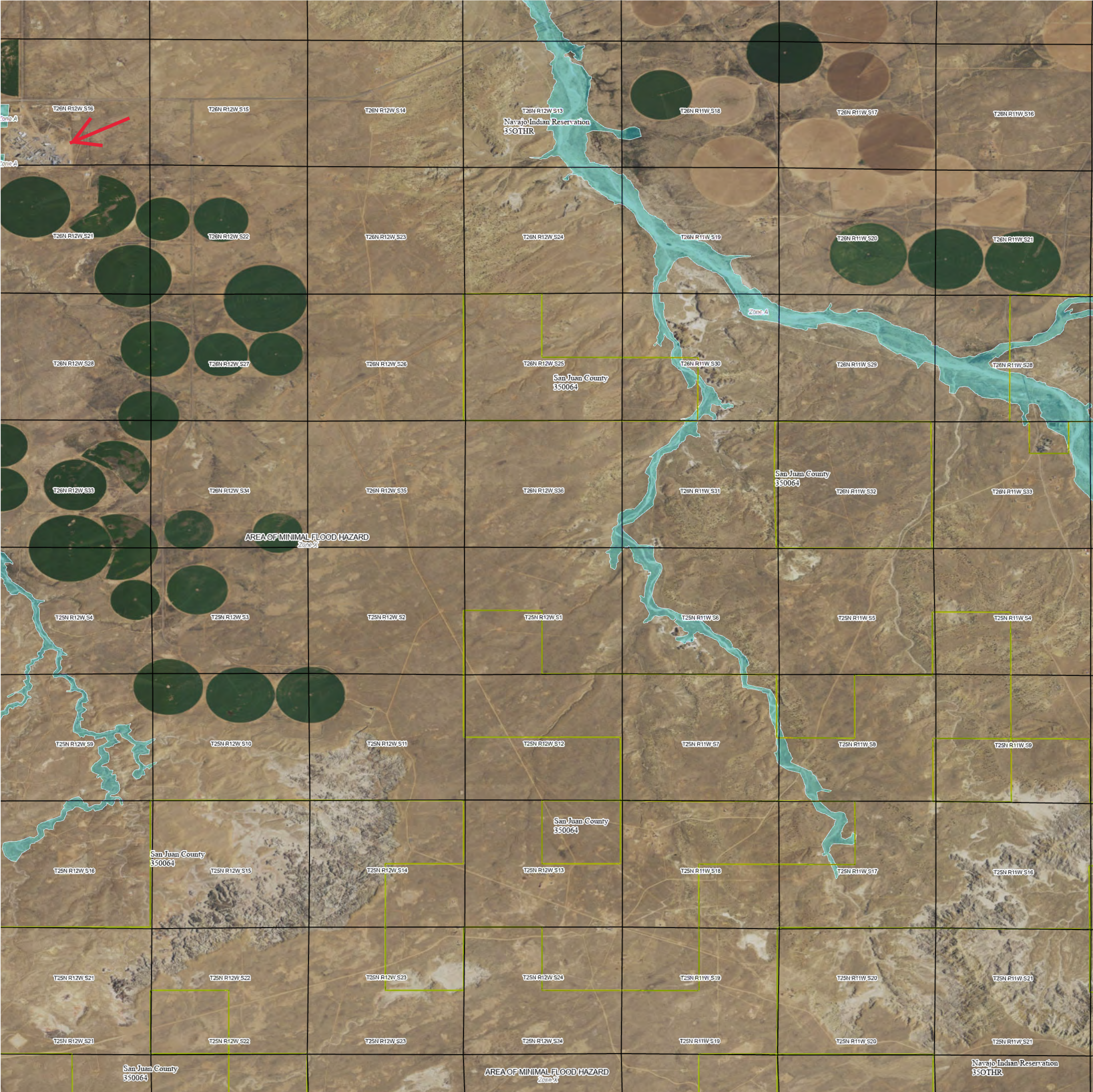
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/26/2022 at 3:59 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.





107°59'58.33"W 36°22'3.7"N

FLOOD HAZARD INFORMATION

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR DRAFT FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
OTHER AREAS OF FLOOD HAZARD		Regulatory Floodway
		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee See Notes Zone X
OTHER AREAS		Area with Flood Risk due to Levee Zone D
		NO SCREEN Area of Minimal Flood Hazard Zone X
GENERAL STRUCTURES		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
OTHER FEATURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance
		Water Surface Elevation
		Coastal Transect
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary

NOTES TO USERS

For information and questions about this Flood Insurance Rate Map (FIRM), available products associated with this FIRM, including historic versions, the current map date for each FIRM panel, how to order products, or the National Flood Insurance Program (NFIP) in general, please call the FEMA Map Information eXchange at 1-877-FEMA-MAP (1-877-336-6627) or visit the FEMA Flood Map Service Center website at <https://msc.fema.gov>. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the website.

Communities annexing land on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM Index. These may be ordered directly from the Flood Map Service Center at the number listed above.

For community and countywide map dates, refer to the Flood Insurance Study Report for this jurisdiction.

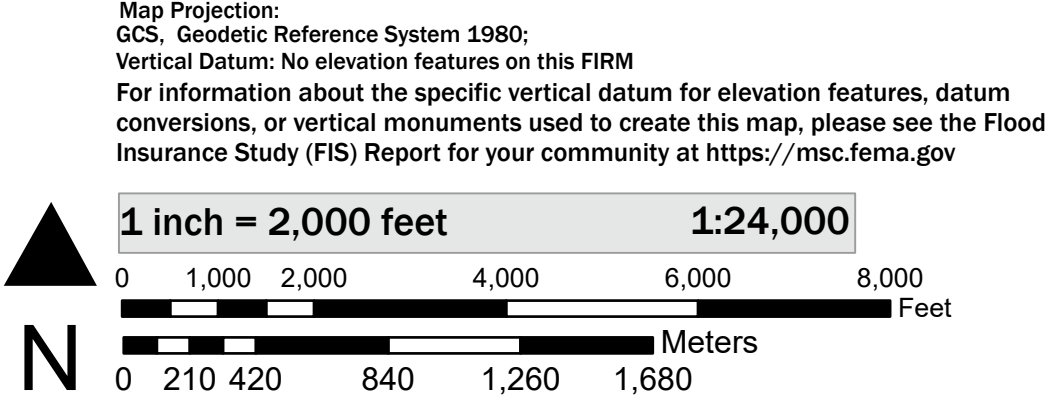
To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

Basemap information shown on this FIRM was provided in digital format by the United States Geological Survey (USGS). The basemap shown is the USGS National Map: Orthoimagery. Last refreshed October, 2020.

This map was exported from FEMA's National Flood Hazard Layer (NFHL) on 7/26/2022 4:00 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time. For additional information, please see the Flood Hazard Mapping Updates Overview Fact Sheet at <https://www.fema.gov/media-library/assets/documents/118418>

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SCALE



NATIONAL FLOOD INSURANCE PROGRAM  
FLOOD INSURANCE RATE MAP

PANEL 1700 of 2750

COMMUNITY	NUMBER	PANEL
SAN JUAN COUNTY	350064	1700
NAVAJO INDIAN RESERVATION	350THR	1700

MAP NUMBER  
35045C1700F  
EFFECTIVE DATE  
August 05, 2010




# Appendix B



*Field Notes*



Practical Solutions for a Better Tomorrow

CLIENT: <u>Enterprise</u>		 <b>envirotech</b> 505-632-0615   1-800-362-1879		Envmtl. Spclst: <u>GB</u>	
CLIENT/JOB #: <u>04061-0040</u>				Onsite: _____ Offsite: _____	
START DATE: <u>4-18-22</u>		5796 US Highway 64		LAT: <u>36.483796°</u>	
FINISH DATE: _____		Farmington, NM 87401		LONG: <u>-108.117070</u>	
Page # <u>1</u> of <u>2</u>					

LOCATION:	Name: <u>Chaco Plant</u>	Well #: _____	API: _____
	County: <u>San Juan</u>	State: <u>NM</u>	HWY-MM: _____
Cause of Release: _____	Material Released: _____		Amt. Released: _____
QUAD/UNIT: _____	SEC: _____	TWP: _____	RNG: _____ PM: _____
Spill Located Approximately: _____ FT. FROM _____			
Excavation Approx: <u>25</u> FT. X <u>10</u> FT. X <u>11</u> FT. Volume (cy/tons): _____			
Disposal Facility: _____			
Land Use: _____ Land Owner: _____			
REGULATORY AGENCY: _____		TPH CLOSURE STD: _____	
ADDITIONAL CLOSURE REQUIREMENTS: _____			

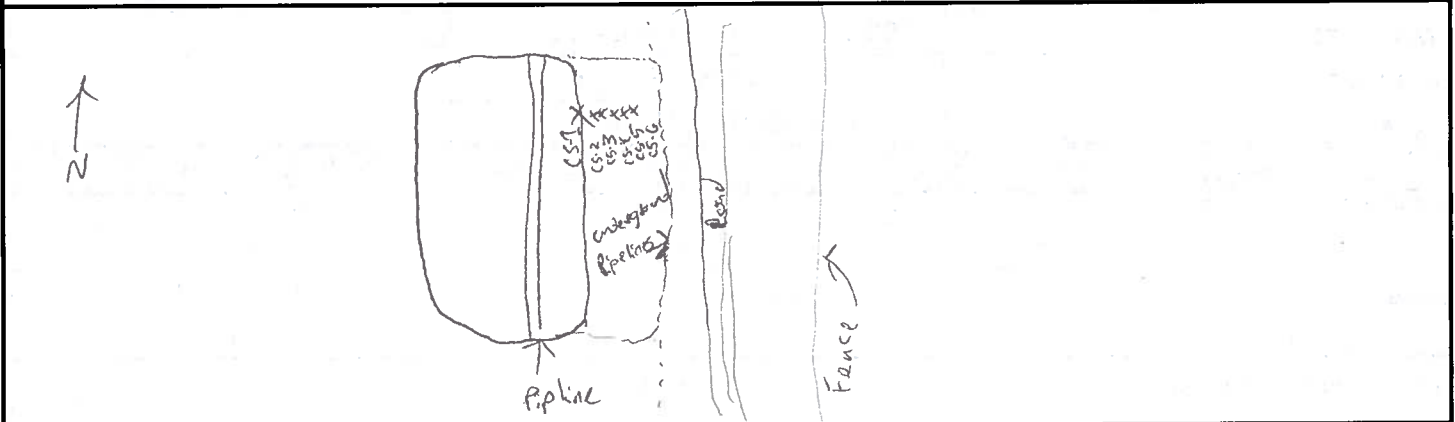
  

SAMPLE NAME	TIME COLLECTED	DESCRIPTION	VOC		TPH (Method 418.1)			Chloride	
			TIME	PID/OV ppm	TIME	READING	CALC ppm	TIME	mg/kg
<del>CS-01</del>	<del>9:34</del>	<del>2' from top on east wall</del>	<del>9:56</del>	<del>2867</del>					
<del>CS-02</del>	<del>9:42</del>	<del>2' from surface on east wall</del>							
CS-02	10:05	2' from surface on east wall	10:17	2860					
CS-03	10:21	2' from surface on east wall	10:36	1091					
CS-04	10:54	2' from surface on east wall	11:09	431					
CS-05	11:07	2' from surface	11:18	0.2					
CS-06	11:26	2' from surface	11:38	1.2					

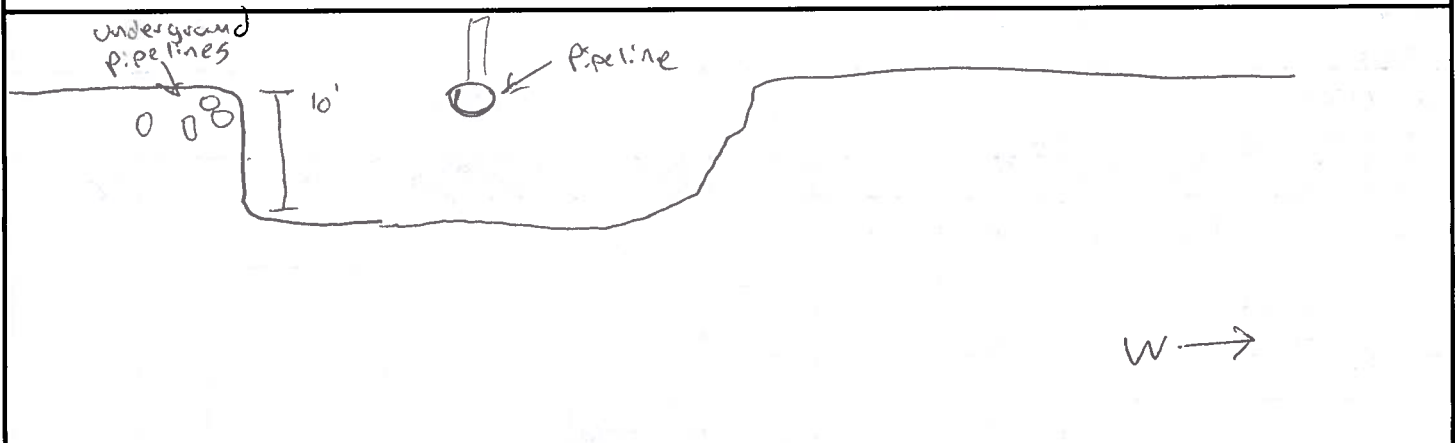
  

NOTES: Include laboratory analysis information	
CS-COMPOSITE SAMPLE GS-GRAB SAMPLE SB-SOIL BORING TP-TEST PIT DU- DECISION UNIT ST-STATION	Field Screening for test Trench

**SITE PERIMETER:** Draw a schematic of the spill site. Attach photos and other diagrams as needed.



**EXCAVATION OVERVIEW:**



**EXCAVATION PROFILE VIEWS:**

Sample Name:	Sample Name:
Sample Name:	Sample Name:

CLIENT: <u>Enterprise</u>	 <b>envirotech</b> 505-632-0615   1-800-362-1879 5796 US Highway 64 Farmington, NM 87401	Envmtl. Spclst: <u>GR</u>
CLIENT/JOB #: <u>04061-0040</u>		Onsite: _____ Offsite: _____
START DATE: <u>4-18-22</u>		LAT: <u>36.483796°</u>
FINISH DATE: _____		LONG: <u>-108.117070°</u>
Page # <u>2</u> of <u>2</u>		

LOCATION: Name: <u>Chaco Plant</u>	Well #: _____	API: _____
County: <u>San Juan</u>	State: <u>NM</u>	HWY-MM: _____
Cause of Release: _____	Material Released: _____	Amt. Released: _____
QUAD/UNIT: _____	SEC: _____	TWP: _____
	RNG: _____	PM: _____
Spill Located Approximately: _____ FT.	FROM _____	
Excavation Approx: _____ FT. X _____ FT. X _____ FT.	Volume (cy/tons): _____	
Disposal Facility: _____		
Land Use: _____	Land Owner: _____	

REGULATORY AGENCY: \_\_\_\_\_ TPH CLOSURE STD: \_\_\_\_\_

ADDITIONAL CLOSURE REQUIREMENTS: \_\_\_\_\_

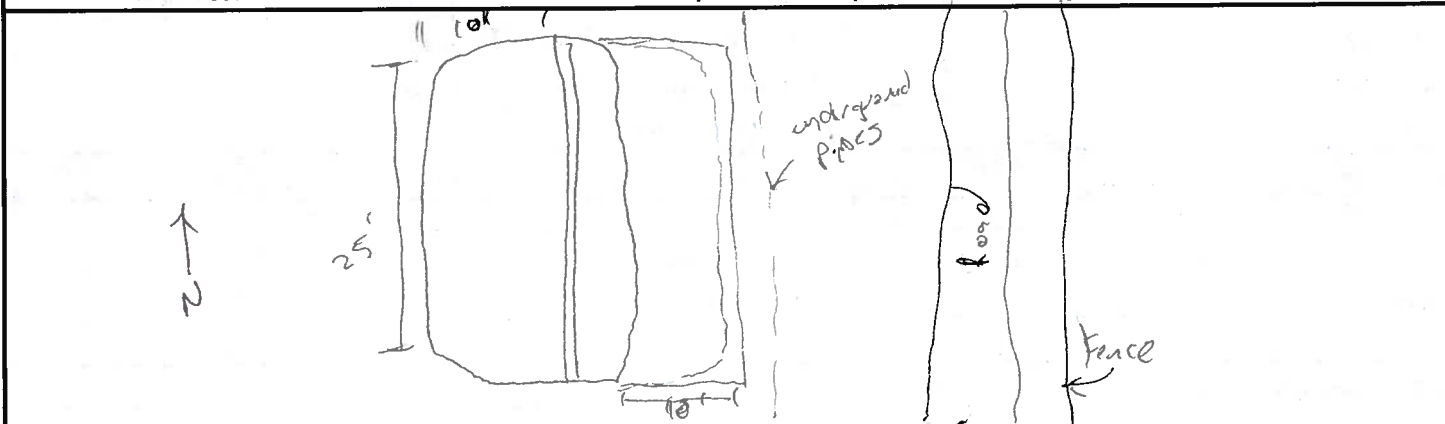
SAMPLE NAME	TIME COLLECTED	DESCRIPTION	VOC		TPH (Method 418.1)			Chloride	
			TIME	PID/OV ppm	TIME	READING	CALC ppm	TIME	mg/kg
CS-07	12:47	East Wall 5' Below Surface	13:02	34.8					
CS-08	12:53	South Wall 5' Below Surface	13:07	22.0					
CS-09	12:59	North Wall 5' Below Surface	13:15	18.0					
CS-10	13:11	Base Sample 2' Below Base	13:24	2883					
CS-11	13:31	Base Sample 4' Below Base	13:46	2831					
CS-12	13:43	Base Sample 6' Below Base	13:59	2759					
<del>CS-13</del>	<del>14:52</del>	<del>Base Sample 8' Below Base</del>							
CS-13	14:40	Base Sample 10' Below Base	14:52	2832	17:30	62	248		
		Wall 22' BGS							

NOTES: Include laboratory analysis information

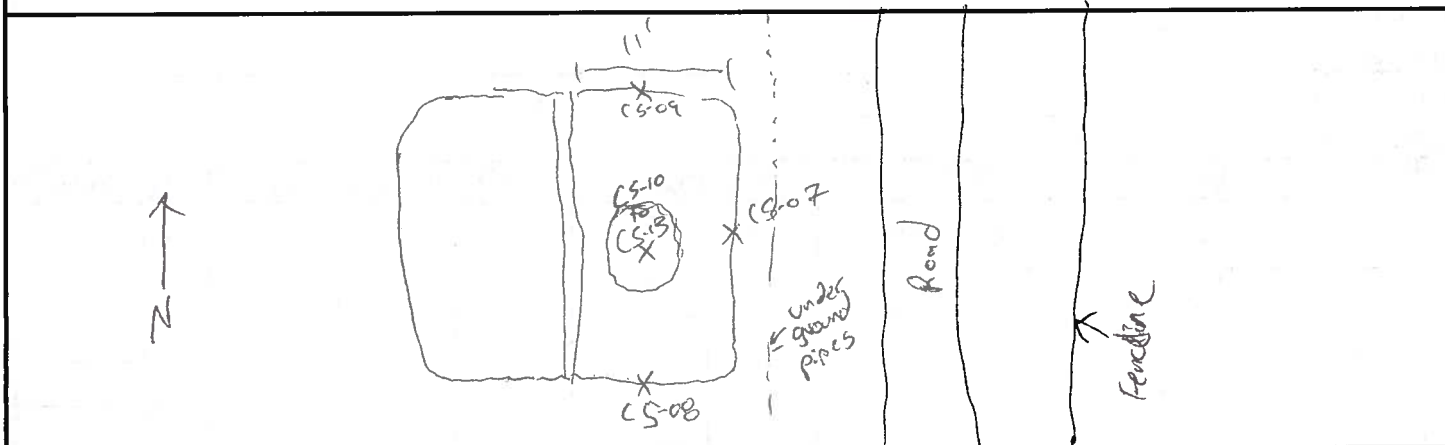
CS-COMPOSITE SAMPLE  
 GS-GRAB SAMPLE  
 SB-SOIL BORING  
 TP-TEST PIT  
 DU-DECISION UNIT  
 ST-STATION

Field Screening for new excavation east side of pipeline, sampled CS-13 for TPH, BTEX, and Chlorides.

**SITE PERIMETER:** Draw a schematic of the spill site. Attach photos and other diagrams as needed.




**EXCAVATION OVERVIEW:**



**EXCAVATION PROFILE VIEWS:**

<p>Sample Name: _____</p>	<p>Sample Name: _____</p>
<p>Sample Name: _____</p>	<p>Sample Name: _____</p>

CLIENT: <u>Enterprise</u>		 <b>envirotech</b> 505-632-0615   1-800-362-1879		Envmtl. Spclst: <u>GB</u>	
CLIENT/JOB #: <u>04061-0040</u>				Onsite: _____ Offsite: _____	
START DATE: <u>4-19-22</u>		5796 US Highway 64		LAT: _____	
FINISH DATE: _____				LONG: _____	
Page # _____ of _____		Farmington, NM 87401			

LOCATION:	Name: <u>Chaco Plant</u>	Well #: _____	API: _____
	County: <u>San Juan</u>	State: <u>NM</u>	HWY-MM: _____
Cause of Release: _____	Material Released: _____		Amt. Released: _____
QUAD/UNIT: _____	SEC: _____	TWP: _____	RNG: _____ PM: _____
Spill Located Approximately: _____ FT. FROM _____			
Excavation Approx: <u>25</u> FT. X <u>11</u> FT. X <u>24</u> FT. Volume (cy/tons): _____			
Disposal Facility: _____			
Land Use: _____ Land Owner: _____			
REGULATORY AGENCY: _____		TPH CLOSURE STD: _____	
ADDITIONAL CLOSURE REQUIREMENTS: _____			

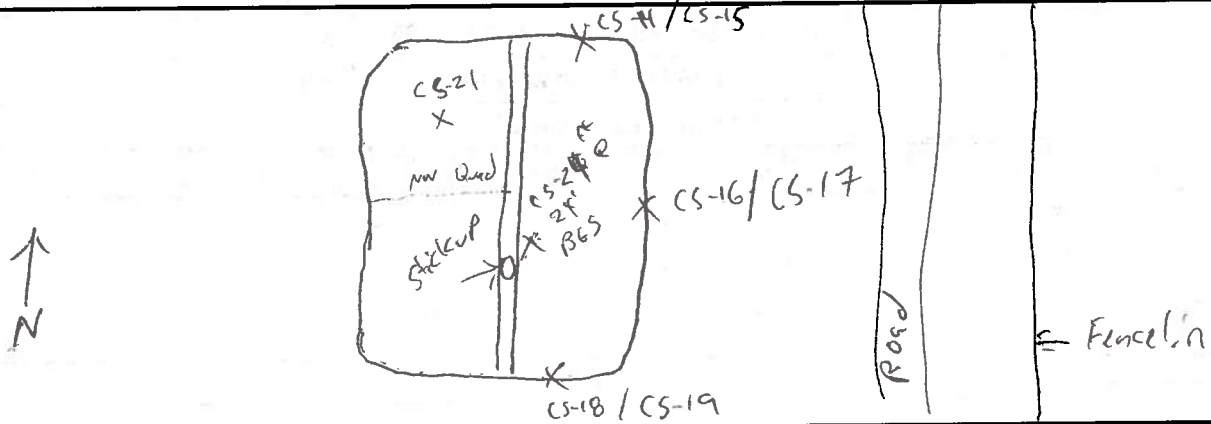
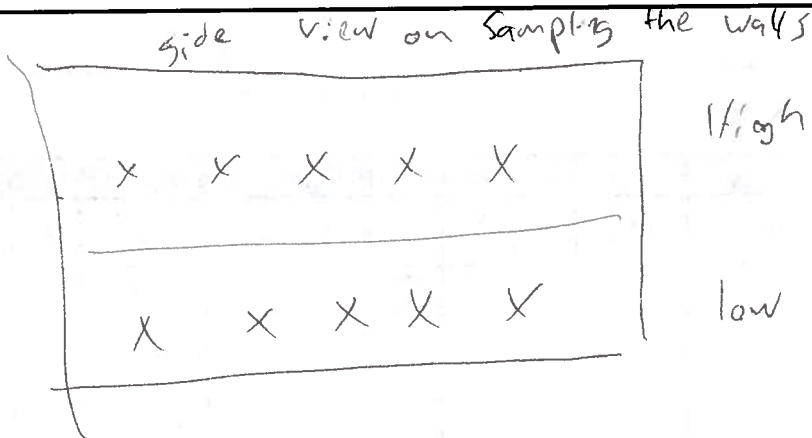
  

SAMPLE NAME	TIME COLLECTED	DESCRIPTION	VOC		TPH (Method 418.1)			Chloride	
			TIME	PID/OV ppm	TIME	READING	CALC ppm	TIME	mg/kg
<del>CS-01</del> CS-14	10:07	North Wall at 5' BGS	11:02	1589	12:05	11	44		
<del>CS-02</del> CS-15	10:08	North Wall at 12' BGS	11:05	57.8	12:12	09	36		
<del>CS-03</del> CS-16	10:27	East Wall at 5' BGS	11:08	2813	12:15	09	36		
<del>CS-04</del> CS-17	10:37	East Wall at 12' BGS	11:11	71.1	1:20	14	56		
<del>CS-05</del> CS-18	10:40	South Wall at 5' BGS	11:12	89.2	13:23	13	52		
<del>CS-06</del> CS-19	10:42	South Wall at 20' BGS	11:14	2765	13:25	39	156		
CS-20	13:12	Base, 24" Below Stick Up	13:51	2758	14:15	406	1624		
CS-21	14:15	NW Quad Base at 10ft	16:10	1085	15:41	27	108		

NOTES: Include laboratory analysis information	
CS-COMPOSITE SAMPLE GS-GRAB SAMPLE SB-SOIL BORING TP-TEST PIT DU- DECISION UNIT ST-STATION	NE & Southeast Quad Field Screening new excavation on North, East, South, and North west Quad (debris)




**SITE PERIMETER:** Draw a schematic of the spill site. Attach photos and other diagrams as needed.**EXCAVATION OVERVIEW:****EXCAVATION PROFILE VIEWS:**

Sample Name:

Sample Name:

Sample Name:

Sample Name:

<b>CLIENT:</b> <u>Enterprise</u> <b>CLIENT/JOB #:</b> <u>04061-0040</u> <b>START DATE:</b> <u>4-20-22</u> <b>FINISH DATE:</b> _____ <b>Page #</b> <u>1</u> of <u>9</u>	 <b>505-632-0615   1-800-362-1879</b> <b>5796 US Highway 64</b> <b>Farmington, NM 87401</b>	<b>Envmtl. Spclst:</b> <u>GR</u> <b>Onsite:</b> _____ <b>Offsite:</b> _____ <b>LAT:</b> _____ <b>LONG:</b> _____
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<b>LOCATION:</b>	Name: _____	Well #: _____	API: _____
	County: _____	State: _____	HWY-MM: _____
Cause of Release: _____	Material Released: _____		Amt. Released: _____
QUAD/UNIT: _____	SEC: _____	TWP: _____	RNG: _____ PM: _____

Spill Located Approximately: _____ FT.	FROM _____
Excavation Approx: <u>24</u> FT. X <u>25</u> FT. X <u>12</u> FT.	Volume (cy/tons): _____
Disposal Facility: _____	
Land Use: _____	Land Owner: _____

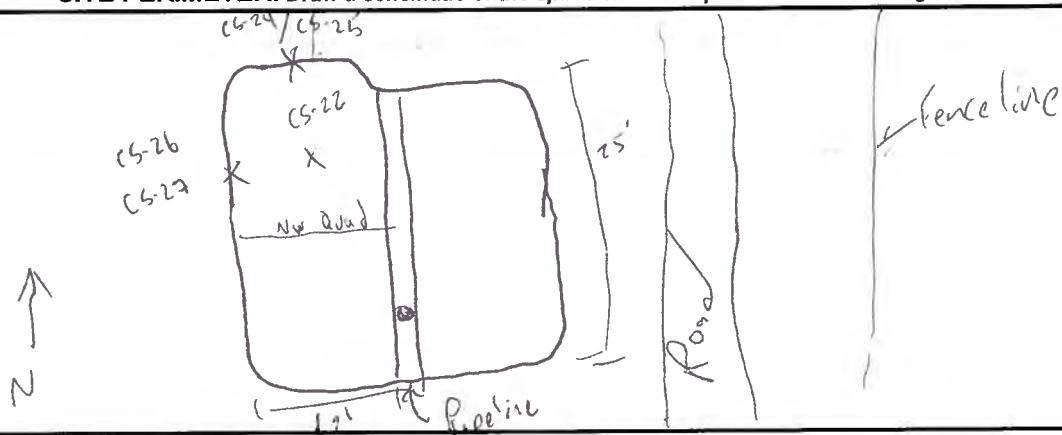
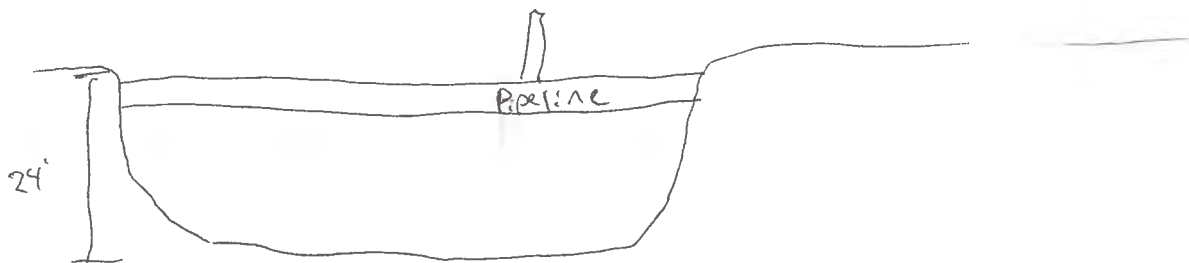
REGULATORY AGENCY: _____	TPH CLOSURE STD: _____
ADDITIONAL CLOSURE REQUIREMENTS: _____	

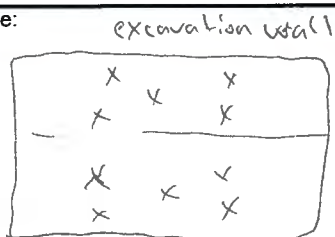
SAMPLE NAME	TIME COLLECTED	DESCRIPTION	VOC		TPH (Method 418.1)			Chloride	
			TIME	PID/OV ppm	TIME	READING	CALC ppm	TIME	mg/kg
CS-22	09:03	NW Quad at 14' BGS/BASE	09:18	820	10:07	38	152		
CS-23	10:25	NW Quad at 20' BGS/BASE	10:39	652	10:48	08	32		
CS-24	11:25	NW Quad West wall 4' BGS	12:48	105.2	13:04	03	12		
CS-25	11:30	NW Quad East wall 24' BGS	12:49	2798	13:07	189	756		
CS-26	11:40	NW Quad West wall 4' BGS	13:00	377.5	13:10	09	36		
CS-27	11:45	NW Quad East wall 24' BGS	13:01	2795	13:13	21	96		

NOTES: Include laboratory analysis information	
CS-COMPOSITE SAMPLE GS-GRAB SAMPLE SB-SOIL BORING TP-TEST PIT DU-DECISION UNIT ST-STATION	

**SITE PERIMETER:** Draw a schematic of the spill site. Attach photos and other diagrams as needed.**EXCAVATION OVERVIEW:****EXCAVATION PROFILE VIEWS:**

Sample Name:



High  
Composite  
sample

Low

Sample Name:

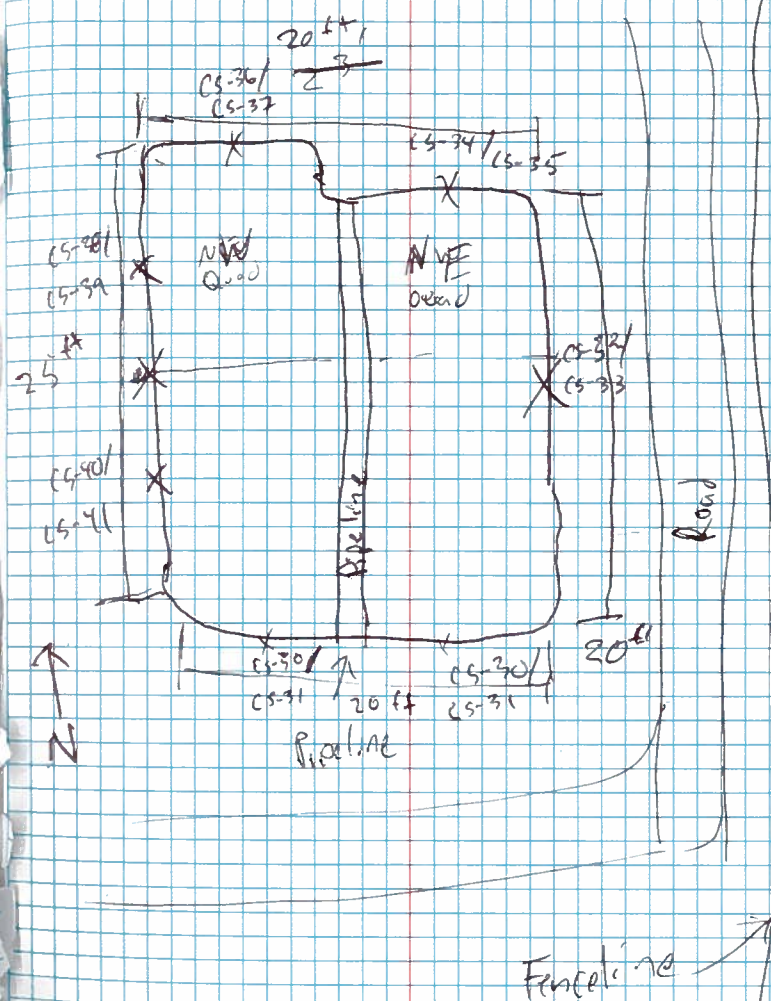
Sample Name:


Sample Name:

Sample ID	Time	Sample ID	Description
CS-30	13:44	South Wall	High
CS-31	13:57	South wall	Low
CS-32	14:04	East wall	High
CS-33	14:08	East wall	Low
CS-34	14:11	North wall (NE Quad)	High
CS-35	14:15	North wall (NE Quad)	Low
CS-36	14:18	North wall (NW Quad)	High
CS-37	14:22	North wall (NW Quad)	Low
CS-38	14:37	West wall (North side)	High
CS-39	14:38	West wall (North side)	Low
CS-40	14:40	West wall (South side)	High
CS-41	14:42	West wall (South side)	Low

Claco Plant

4-21-2022



CLIENT: <u>Enterprise</u> <u>Envirotech</u>		 <b>envirotech</b> 505-632-0615   1-800-362-1879 5796 US Highway 64 Farmington, NM 87401		Envmtl. Spclst: <u>GB</u>	
CLIENT/JOB #: <u>04061-0040</u>				Onsite: _____ Offsite: _____	
START DATE: <u>4-21-22</u>				LAT: <u>36.483783°</u>	
FINISH DATE: _____				LONG: <u>-108.117059°</u>	
Page # _____ of _____					

LOCATION:	Name: <u>Chaco Plant</u>	Well #: _____	API: _____
	County: <u>San Juan</u>	State: <u>NM</u>	HWY-MM: _____
Cause of Release: _____	Material Released: _____		Amt. Released: _____
QUAD/UNIT: _____	SEC: _____	TWP: _____	RNG: _____ PM: _____
Spill Located Approximately: _____ FT. FROM _____			
Excavation Approx: <u>25</u> FT. X <u>20</u> FT. X <u>20</u> FT. Volume (cy/tons): _____			
Disposal Facility: _____			
Land Use: _____ Land Owner: _____			
REGULATORY AGENCY: _____		TPH CLOSURE STD: _____	
ADDITIONAL CLOSURE REQUIREMENTS: _____			

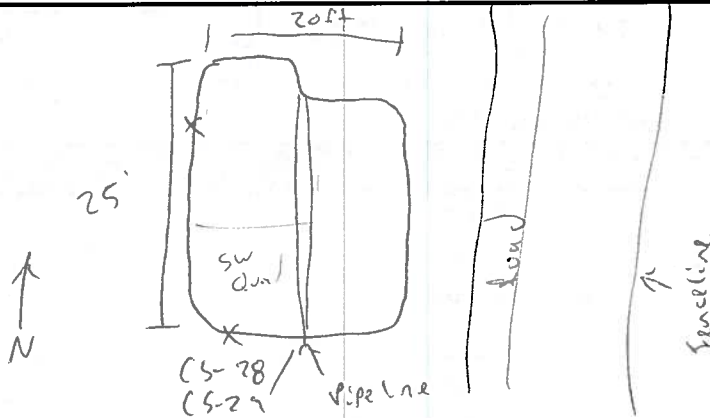
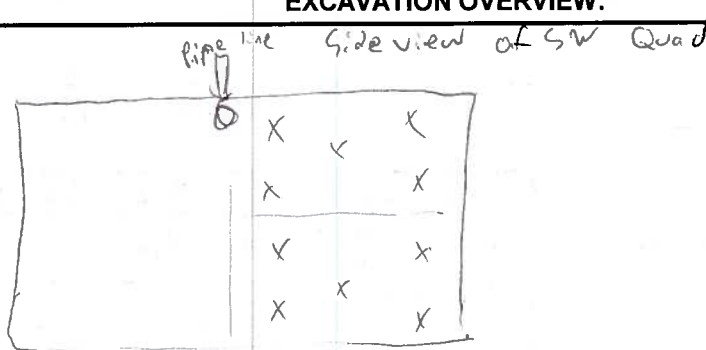
  

SAMPLE NAME	TIME COLLECTED	DESCRIPTION	VOC		TPH (Method 418.1)			Chloride	
			TIME	PID/OV ppm	TIME	READING	CALC ppm	TIME	mg/kg
CS-28	8:38 AM	SW Quad 1'-4' ACS South wall	09:09	290.4	11:21	24	96		
CS-29	8:41 AM	SW Quad 20'-24' ACS South wall	09:11	2830	12:33	732	2828		
CS-30	13:44	SW wall high (11-20')							
CS-31	13:57	South wall low (11-20')							
CS-32	14:04	East wall high (11-20')							
CS-33	14:08	East wall low (11-20')							
CS-34	14:11	North wall (NE Quad) high							
CS-35	14:15	North wall (NE Quad) low							
CS-36	14:18	North wall (NW Quad) high							
CS-37	14:22	North wall (NW Quad) low							
CS-38	14:37	West wall North side (high)							

**NOTES: Include laboratory analysis information**

CS-COMPOSITE SAMPLE GS-GRAB SAMPLE SB-SOIL BORING TP-TEST PIT DU- DECISION UNIT ST-STATION	<u>- collected soil samples from CS-30 to CS-41</u>
---	---

**SITE PERIMETER:** Draw a schematic of the spill site. Attach photos and other diagrams as needed.**EXCAVATION OVERVIEW:****EXCAVATION PROFILE VIEWS:**


Sample Name:

Sample Name:

Sample Name:

Sample Name:



<b>CLIENT:</b> <u>Enterprise</u>		 <b>envirotech</b> 505-632-0615   1-800-362-1879		<b>Envmtl. Spclst:</b> <u>GS</u>	
<b>CLIENT/JOB #:</b> <u>04061-0040</u>				<b>Onsite:</b> _____ <b>Offsite:</b> _____	
<b>START DATE:</b> <u>4-21-22</u>		<b>5796 US Highway 64</b>		<b>LAT:</b> <u>36.483783°</u>	
<b>FINISH DATE:</b> _____		<b>Farmington, NM 87401</b>		<b>LONG:</b> <u>-108.117059°</u>	
<b>Page #</b> _____ <b>of</b> _____					

<b>LOCATION:</b>	<b>Name:</b> _____	<b>Well #:</b> _____	<b>API:</b> _____
	<b>County:</b> _____	<b>State:</b> _____	<b>HWY-MM:</b> _____
<b>Cause of Release:</b> _____	<b>Material Released:</b> _____		<b>Amt. Released:</b> _____
<b>QUAD/UNIT:</b> _____	<b>SEC:</b> _____	<b>TWP:</b> _____	<b>RNG:</b> _____ <b>PM:</b> _____

<b>Spill Located Approximately:</b> _____ <b>FT.</b>	<b>FROM</b> _____
<b>Excavation Approx:</b> _____ <b>FT.</b> X _____ <b>FT.</b> X _____ <b>FT.</b>	<b>Volume (cy/tons):</b> _____
<b>Disposal Facility:</b> _____	
<b>Land Use:</b> _____	<b>Land Owner:</b> _____

<b>REGULATORY AGENCY:</b> _____	<b>TPH CLOSURE STD:</b> _____
<b>ADDITIONAL CLOSURE REQUIREMENTS:</b> _____	

SAMPLE NAME	TIME COLLECTED	DESCRIPTION	VOC		TPH (Method 418.1)			Chloride	
			TIME	PID/OV ppm	TIME	READING	CALC ppm	TIME	mg/kg
CS-39	14:38	west wall (North Side) Low	_____	_____	_____	_____	_____	_____	_____
CS-40	14:40	west wall (South Side) High	_____	_____	_____	_____	_____	_____	_____
CS-41	14:42	west wall (South Side) Low	_____	_____	_____	_____	_____	_____	_____

<b>NOTES: Include laboratory analysis information</b>	
CS-COMPOSITE SAMPLE GS-GRAB SAMPLE SB-SOIL BORING TP-TEST PIT DU- DECISION UNIT ST-STATION	- Collected Soil Samples from CS-30 to CS-41



CLIENT: <u>Enterprise</u>	 <b>envirotech</b>	Envmtl. Spclst: <u>GB</u>
CLIENT/JOB #: <u>D4061-0060</u>		Onsite: <u>144B</u> Offsite: <u>15:45</u>
START DATE: <u>4/28/22</u>	505-632-0615   1-800-362-1879	LAT: _____
FINISH DATE: _____	5796 US Highway 64	LONG: _____
Page # _____ of _____	Farmington, NM 87401	

LOCATION: Name: <u>Chaco Plant</u>	Well #: _____	API: _____
County: _____	State: _____	HWY-MM: _____
Cause of Release: _____	Material Released: _____	Amt. Released: _____
QUAD/UNIT: _____	SEC: _____	TWP: _____
	RNG: _____	PM: _____

Spill Located Approximately: _____ FT.	FROM _____
Excavation Approx: <u>25</u> FT. X <u>20</u> FT. X <u>25</u> FT. <u>863</u>	Volume (cy/tons): _____
Disposal Facility: _____	
Land Use: _____	Land Owner: _____

REGULATORY AGENCY: _____	TPH CLOSURE STD: _____
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## ADDITIONAL CLOSURE REQUIREMENTS:

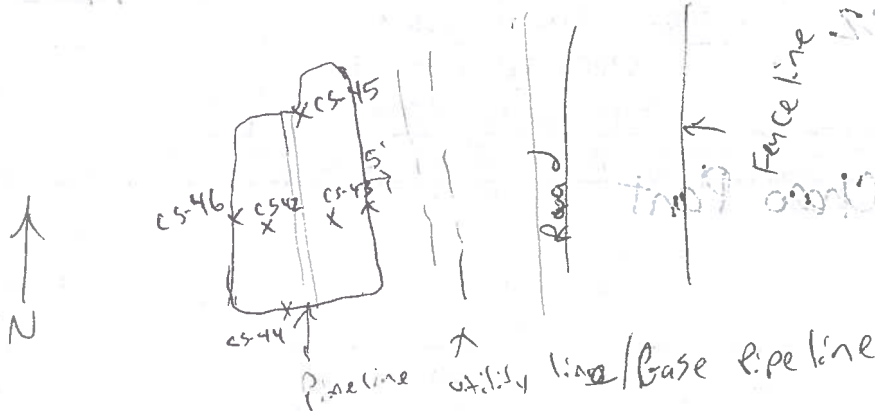
			VOC		TPH (Method 418.1)			Chloride	
SAMPLE NAME	TIME COLLECTED	DESCRIPTION	TIME	PID/OV ppm	TIME	READING	CALC ppm	TIME	mg/kg
CS-42	15:19	EAST BASE @ 24'							
CS-43	15:23	WEST BASE @ 26'							
CS-44	15:26	South Wall (22' to 25')							
CS-45	15:29	NORTH WALL (22 to 25')							
CS-46	15:31	West WALL (22 to 25')							

NOTES: Include laboratory analysis information

CS-COMPOSITE SAMPLE  
GS-GRAB SAMPLE  
SB-SOIL BORING  
TP-TEST PIT  
DU- DECISION UNIT  
ST-STATION

East wall 22 to 25 no sample  
due to pipeline integrity  
no change in lateral dimensions  
excavation deepened from 4/21/22  
benches created on west & south  
side to reach base @ 24'

**SITE PERIMETER:** Draw a schematic of the spill site. Attach photos and other diagrams as needed.



**EXCAVATION OVERVIEW:**

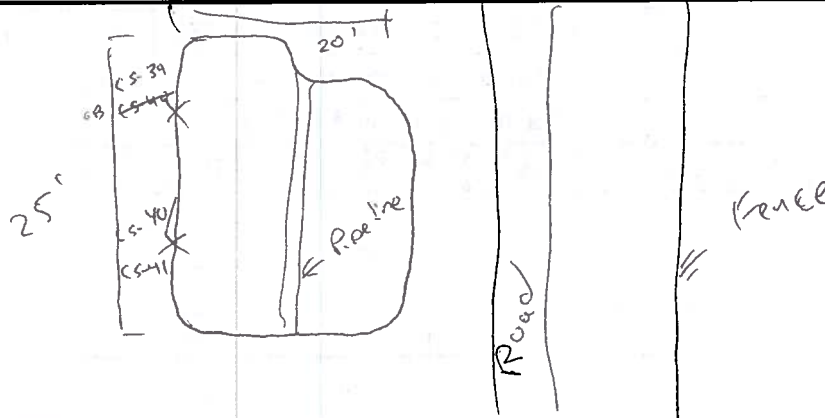
**EXCAVATION PROFILE VIEWS:**

Sample Name:

Sample Name:

Sample Name:

Sample Name:

**SITE PERIMETER:** Draw a schematic of the spill site. Attach photos and other diagrams as needed.**EXCAVATION OVERVIEW:****EXCAVATION PROFILE VIEWS:**

Sample Name:

Sample Name:

Sample Name:

Sample Name:

## DIAGRAM / LITHOLOGY LOG

MW 1SB 1

FLUSH MOUNT  
TRAFFIC RATED  
WELL COVER

LOCKING CAP  
CONCRETE

DEPTH (FEET)

CONCRETE

CEMENT GROUT

1 INCH PVC FLUSH JNT. THREADED SCHD 40 CASING

TOP BENT.

TOP SAND

TOP SCREEN

1 INCH PVC 0.010 SCHD 40 FLUSH JNT. THREADED SCREEN

BTM SCREEN

2" BLANK SUMP WITH END CAP ON BTM

TOTAL DEPTH

DEPTH (FEET)	TIME	SAMPLE TYPE	HEADSPACE (PPM)	LITHOLOGY	SAMPLE DESCRIPTION	DEPTH (FEET)
0						5
10:30	0.0				Hydro vac'd from 0'-6'	
	0.0				Wet brown sand, water from hydro vac (Ft. 5)	
					7-7.5 dark brown sand, light tan sand	
10:51	0.0				Brown sand	10
11:46					Brown sand	12
					Brown sand	13
11:36					moist, larger grain sand	14
					moist, larger grain sand	15
11:55	0.0				moist fine grain sand, brown	
					no returns	
12:12	0.0				Dark brown sand	20
					brown sand	
12:4	0.0				light tan sand	
12:35					Dark brown sand, moist	
	1.6				Dark brown sand, moist	25
12:52	0.0				clay, dark brown	
13:0	0.2				brown clay with red inclusions	
13:45	0.0				brown clay	30
14:32					gray sandy clay w/ white & orange inclusions	35
						40
15:12					no returns TD = 40'	

**Well Materials Used:**

\_\_\_ Sks 10-12 Silica Sand

\_\_\_ Sks Bentonite Chips

\_\_\_ Sks Class "A" Cement

\_\_\_ Sks Quikcrete

\_\_\_ Ft Blank Casing

\_\_\_ Ft Screen

**Well Development:**

\_\_\_ Bailed

\_\_\_ Pumped

\_\_\_ Gallons of Water

**Remarks:**

DRILLER: Ben

BIT SIZE: \_\_\_\_\_

LOCATION: Chaco Plant

HELPER: \_\_\_\_\_

TOTAL BORING DEPTH: 40

ELEVATION: \_\_\_\_\_

DRILLING COMPANY: YELDATE STARTED: 6/27/22DATE COMPLETED: 6/27/22DRILLING METHOD: ISASAMPLER TYPE: SSGEOLOGIST: EL/CT

Note: SS = Split Spoon A = Auger c5 = 5 foot

composite from air cuttings

left hole open overnight  
no water on 6/28/22**ENVIROTECH INC.**ENVIRONMENTAL SCIENTISTS & ENGINEERS  
5796 U.S. HIGHWAY 64  
FARMINGTON, NEW MEXICO 87401  
(505) 632-0615  
B:\Grodlog.dwg36.483672,  
-108.117104

REVISIONS

BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_

JOB # \_\_\_\_\_

DATE \_\_\_\_\_

DRAWN \_\_\_\_\_

PAGE \_\_\_\_\_

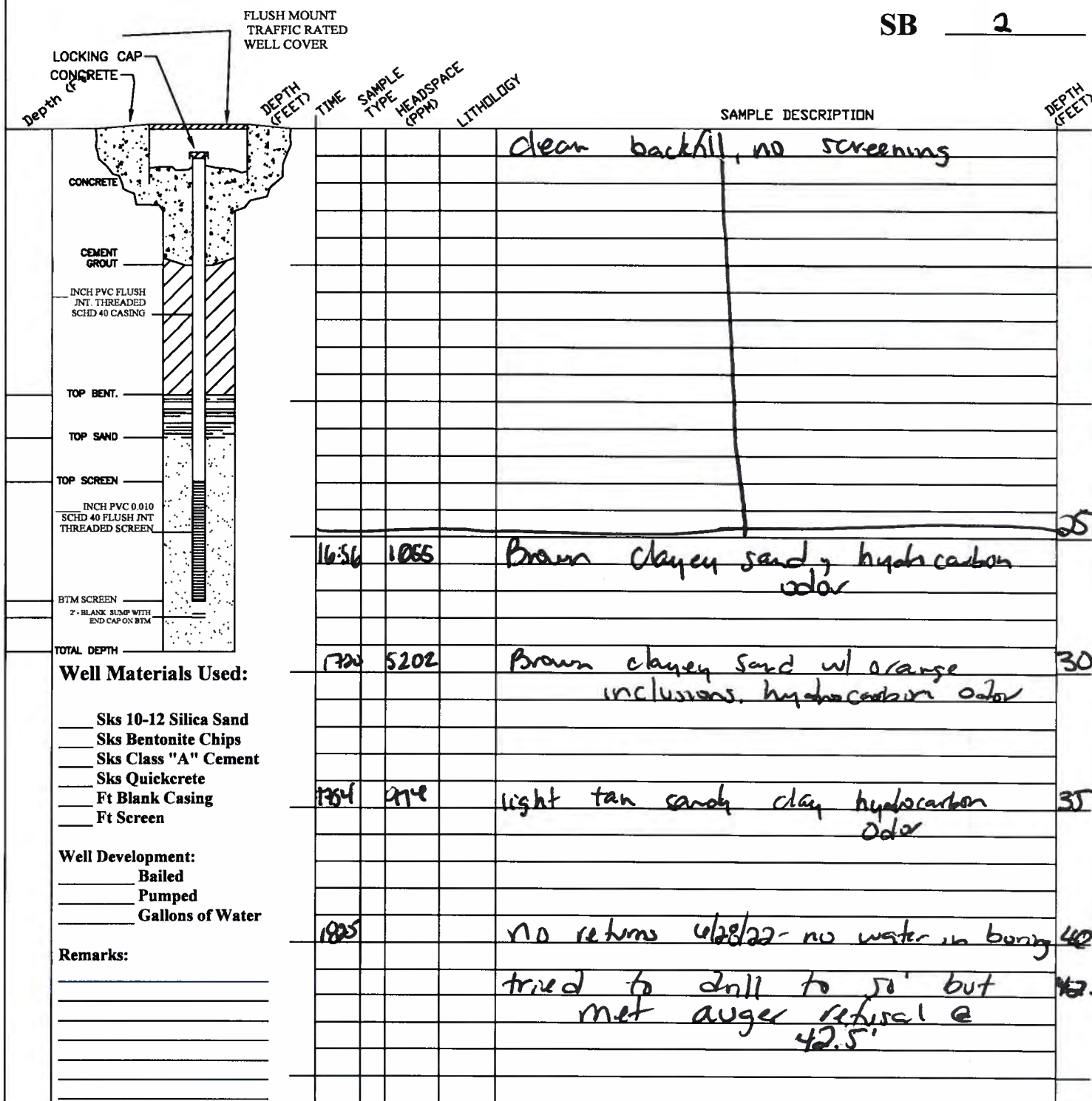
SCALE \_\_\_\_\_

APPROVED \_\_\_\_\_

OF \_\_\_\_\_



# BELOW GRADE WELL COMPLETION DIAGRAM / LITHOLOGY LOG

MW 2SB 2DRILLER: Ben

BIT SIZE: \_\_\_\_\_

LOCATION: Chaco PlantHELPER: Shawn

TOTAL BORING DEPTH: \_\_\_\_\_

ELEVATION: \_\_\_\_\_

DRILLING COMPANY: HCLDATE STARTED: 6/27/22DATE COMPLETED: 6/28/22DRILLING METHOD: HSASAMPLER TYPE: SSGEOLOGIST: BH/CT

Note: SS = Split Spoon

A = Auger

c5 = 5 foot

composite from air cuttings

## ENVIROTECH INC.

ENVIRONMENTAL SCIENTISTS & ENGINEERS  
5796 U.S. HIGHWAY 64  
FARMINGTON, NEW MEXICO 87401  
(505) 632-0615  
BtwGrolod.dwg

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REVISIONS

BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_

JOB # \_\_\_\_\_

DATE \_\_\_\_\_ DRAWN \_\_\_\_\_ PAGE \_\_\_\_\_  
SCALE \_\_\_\_\_ APPROVED \_\_\_\_\_ OF \_\_\_\_\_

# BELOW GRADE WELL COMPLETION DIAGRAM / LITHOLOGY LOG

MW 3SB 3

Depth (Feet)	TIME	SAMPLE TYPE	HEADSPACE (PPM)	LITHOLOGY	SAMPLE DESCRIPTION	DEPTH (FEET)
0						
25	0.9	S-1			clean backfill from surface to 25' brown sandy clay	25
30	10.25	U-0			yellow sandy clay tan sand large grain	30
35	11.05	U-0			grey sand, coarse	35
40	11.50				no returns Auger returns 1 @ 40'	40

**Well Materials Used:**

☐ Sks 10-12 Silica Sand  
☐ Sks Bentonite Chips  
☐ Sks Class "A" Cement  
☐ Sks Quickerrete  
☐ Ft Blank Casing  
☐ Ft Screen

**Well Development:**

☐ Bailed  
☐ Pumped  
☐ Gallons of Water

**Remarks:**

DRILLER: Ben

BIT SIZE: \_\_\_\_\_

LOCATION: Chaco PlantHELPER: Shawn

TOTAL BORING DEPTH: \_\_\_\_\_

ELEVATION: \_\_\_\_\_

DRILLING COMPANY: HRCDATE STARTED: 6/28/22

DATE COMPLETED: \_\_\_\_\_

DRILLING METHOD: HSASAMPLER TYPE: SSGEOLOGIST: BA/OT

Note: SS = Split Spoon A = Auger c5 = 5 foot composite from air cuttings

## ENVIROTECH INC.

36.483776.  
-108.117094

ENVIRONMENTAL SCIENTISTS & ENGINEERS  
5796 U.S. HIGHWAY 64  
FARMINGTON, NEW MEXICO 87401  
(505) 632-0615  
BwGrdLog.dwg

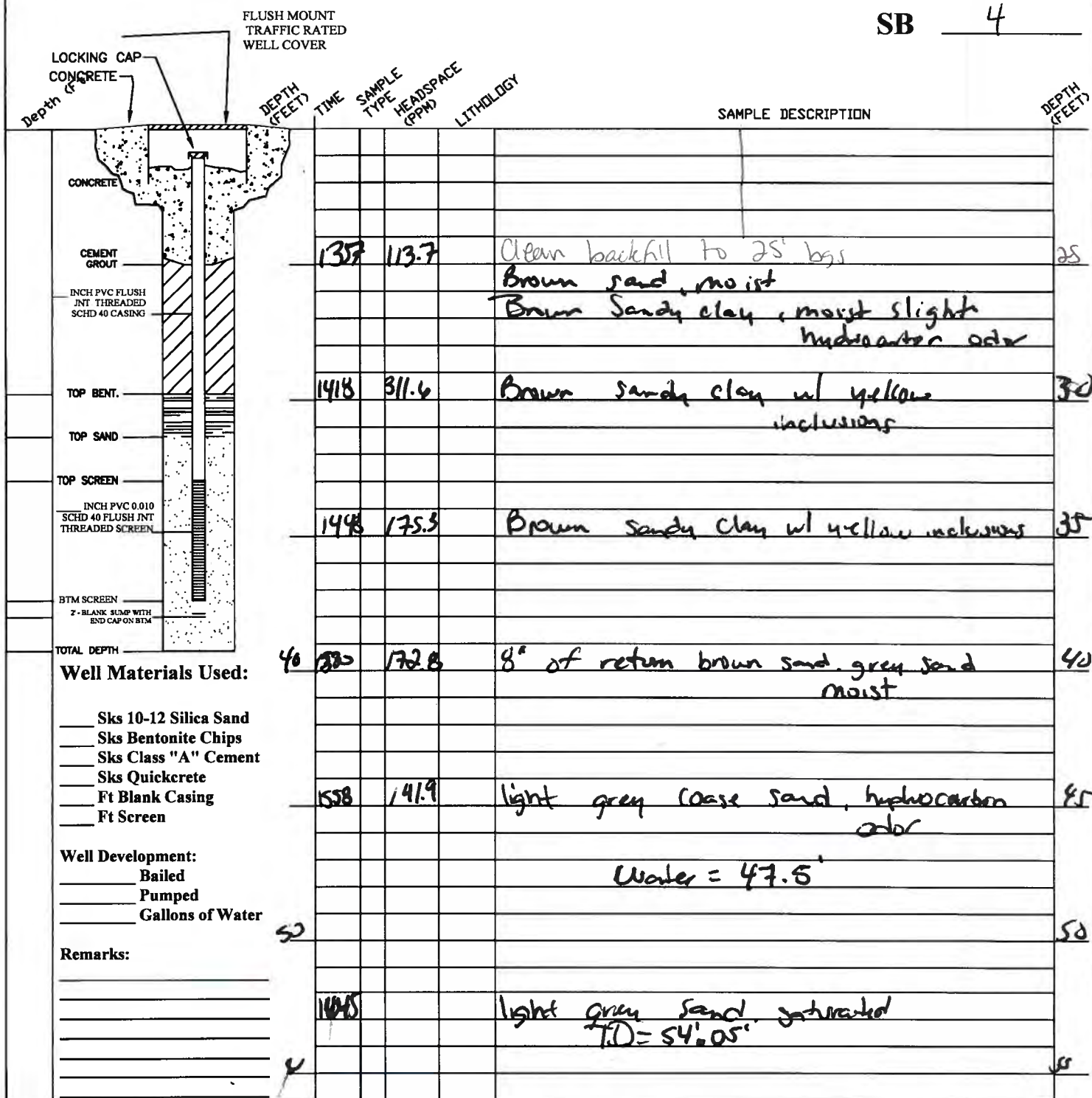
## REVISIONS

BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_

JOB # \_\_\_\_\_

DATE \_\_\_\_\_ DRAWN \_\_\_\_\_ PAGE \_\_\_\_\_  
SCALE \_\_\_\_\_ APPROVED \_\_\_\_\_ OF \_\_\_\_\_

# BELOW GRADE WELL COMPLETION DIAGRAM / LITHOLOGY LOG

MW 4SB 4DRILLER: Bar

BIT SIZE: \_\_\_\_\_

LOCATION: Chaco PlantHELPER: Shawn

TOTAL BORING DEPTH: \_\_\_\_\_

ELEVATION: \_\_\_\_\_

DRILLING COMPANY: HELDATE STARTED: 6/20/22

DATE COMPLETED: \_\_\_\_\_

DRILLING METHOD: USASAMPLER TYPE: SSGEOLOGIST: BL/CR

Note: SS = Split Spoon A = Auger c5 = 5 foot composite from air cuttings

## ENVIROTECH INC.

ENVIRONMENTAL SCIENTISTS & ENGINEERS  
5796 U.S. HIGHWAY 64  
FARMINGTON, NEW MEXICO 87401  
(505) 632-0615  
BlwGrolod.dwg

36.483764  
-108.11734

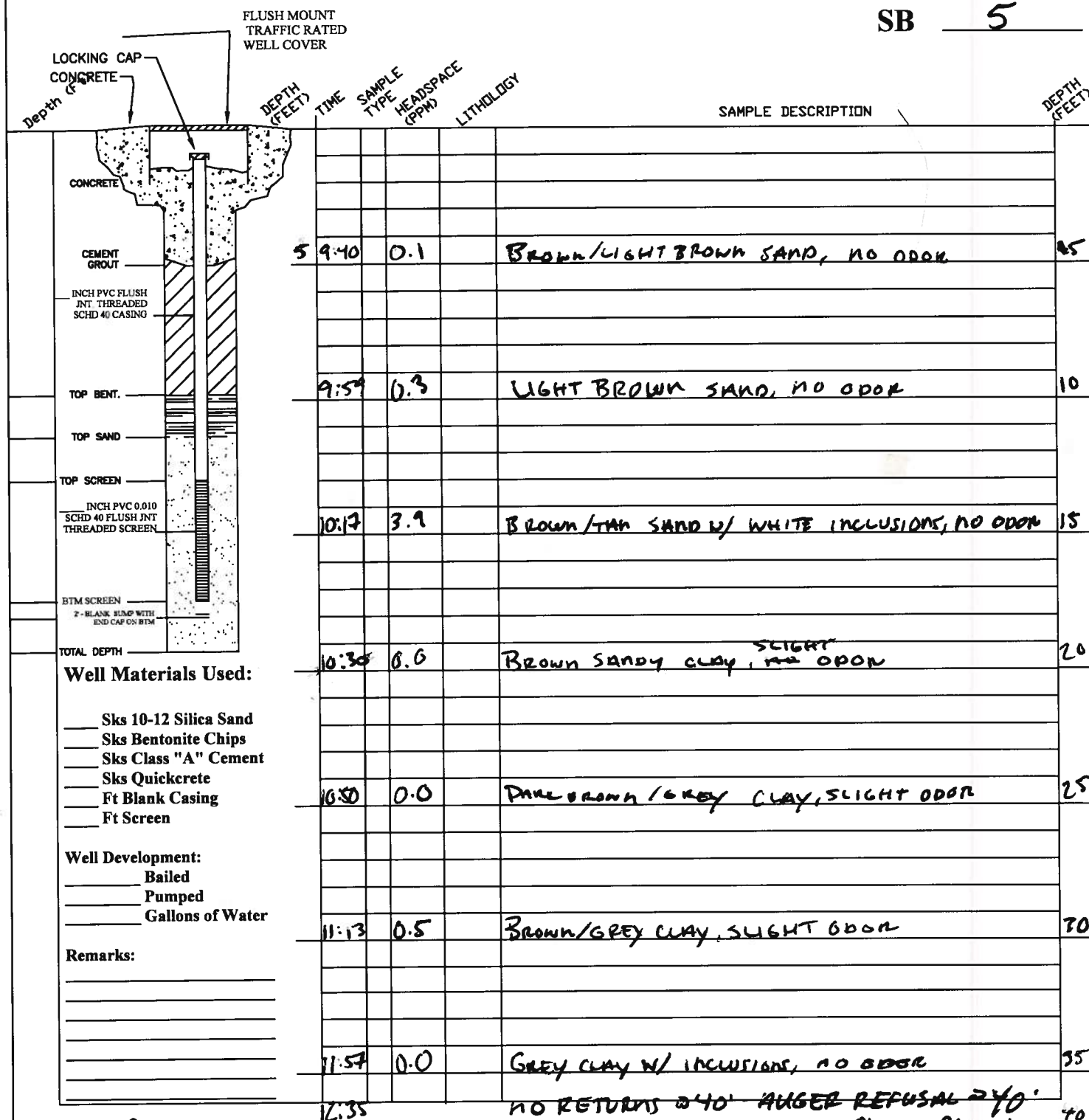
REVISIONS

BY \_\_\_\_\_ DATE \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_

JOB # \_\_\_\_\_

DATE \_\_\_\_\_ DRAWN \_\_\_\_\_ PAGE \_\_\_\_\_  
SCALE \_\_\_\_\_ APPROVED \_\_\_\_\_ OF \_\_\_\_\_

# BELOW GRADE WELL COMPLETION DIAGRAM / LITHOLOGY LOG

MW 5SB 5

## Well Materials Used:

☐ Sks 10-12 Silica Sand  
☐ Sks Bentonite Chips  
☐ Sks Class "A" Cement  
☐ Sks Quikrete  
☐ Ft Blank Casing  
☐ Ft Screen

## Well Development:

☐ Bailed  
☐ Pumped  
☐ Gallons of Water

## Remarks:

DRILLER: BenHELPER: ShawnDRILLING COMPANY: HLLDRILLING METHOD: HSA

Note: SS = Split Spoon

BIT SIZE: \_\_\_\_\_

TOTAL BORING DEPTH: \_\_\_\_\_

DATE STARTED: 6/29/22SAMPLER TYPE: SS

A = Auger

c5 = 5 foot

LOCATION: Chaco Plant

ELEVATION: \_\_\_\_\_

DATE COMPLETED: \_\_\_\_\_

GEOLOGIST: Bulkes

composite from air cuttings

## ENVIROTECH INC.

ENVIRONMENTAL SCIENTISTS & ENGINEERS  
 5796 U.S. HIGHWAY 64  
 FARMINGTON, NEW MEXICO 87401  
 (505) 632-0615  
 Envirolog.dwg

36,483,773  
 -108,117,205

## REVISIONS

BY \_\_\_\_\_ DATE \_\_\_\_\_  
 BY \_\_\_\_\_ DATE \_\_\_\_\_

JOB # \_\_\_\_\_

DATE \_\_\_\_\_

DRAWN \_\_\_\_\_

PAGE \_\_\_\_\_

SCALE \_\_\_\_\_

APPROVED \_\_\_\_\_

OF \_\_\_\_\_



## MONITORING WELL DATA FORM

WELL ID: 

Location: Chaco Plant  
 Project: Groundwater Monitoring Well development  
 Sampling Technician: GB

Project No.: 04061-0042Date: 7-5-2022Start/End Time: 1016Air Temp: 72°FPurge Device: Monsoon XL PumpWell Diameter (in): 2"Total Well Depth (ft): 54.51Water Column (ft): 6.94'Initial D.T.W. (ft): 47.57 Time: 1020 (taken at initial gauging of all wells)Final D.T.W. (ft): 50.10 Time: 1435 (taken after sample collection)

If NAPL Present: D.T.P.: \_\_\_\_\_ D.T.W.: \_\_\_\_\_ Thickness: \_\_\_\_\_ Time: \_\_\_\_\_

## Water Quality Parameters - Recorded During Well Purging

Time	Static Water Level	Temp (deg C)	Conductivity (µS/cm)	DO (mg/L)	pH s.u.	ORP (mV)	Purged Volume (see reverse for calc.)	Observations (sheen, odor, organic etc.)
Stabilization Parameters		2°C	3%	10%	1 s.u.	10 mV		
See reverse for notes on purging and stabilization procedures								
1028								unable to get DWL under fast monsoon pump
1030		22.83	3926	1.36	6.95	-155.9		very murky / sediment
1035		23.34	4269	1.04	6.93	-180.9		very murky / sediment
1040		23.52	4265	0.91	6.92	-190.7		very murky / sediment
1045		22.58	4270	0.87	6.86	-180.1		light murky
1050		22.39	4321	0.80	6.84	-195.0		GB clear / light murky
1055		24.80	3309	0.73	6.84	-206.5		GB clear color
1100		26.49	3624	0.69	6.83	-223.0		Murky color
1105		26.45	3651	0.67	6.83	-236.0		Murky color
1110		26.57	3701	0.63	6.82	-236.6		Murky color
1115		26.55	3740	0.64	6.81	-270.7		Murky color
1120		27.87	4127	0.64	6.81	-278.7		Murky color

Disposal of Purged Water: Evaporation ☐ Containerized ☐Collected Samples Stored on Ice in Cooler: Yes ☐ No ☒Chain of Custody Record Complete: Yes ☐ No ☒

Analytical Laboratory: \_\_\_\_\_

Equipment Used During Sampling: YSI, Monsoon Pump, Interface Probe

Notes/Comments (use this area to document well condition and/or other site maintenance issues):



Practical Solutions for a Better Tomorrow



Water quality parameters are considered stable when three (3) consecutive measurements meet the following: temperature is within 2°C; pH is within one (1) standard unit; specific conductance/conductivity is within 3%; dissolved oxygen (DO) is within 10%; and oxidation reduction potential (ORP) is within 10 mV.

The parameters should be recorded approximately every well volume when using a bailer and every 2 minutes when using a pump.

If it is necessary to calculate the volume of the monitoring well to determine what volume of groundwater will need to be purged from the well prior to collecting the samples, use the following equation:

$$\text{Well Volume} = (h)(cf)$$

where:

h = height of water column (feet)

cf = gallons/foot based on well diameter shown below

The gallons/foot for common size monitoring wells are as follows:

Well Diameter (inches)	2"	3"	4"	6"
Volume (gallons/foot)	0.1632	0.3672	0.6528	1.4688

The well volume is typically tripled to determine the volume to be purged.

Show purge volume calculation below:

$$h = \text{Total Well Depth} - \text{Depth To Water} = 54.51 - 47.57 = 6.94$$

$$\text{Well Volume} = (h)(cf) = (6.94)(0.1632) = 1.13$$

$$\text{Total Purge Volume} = 3(\text{Well Volume}) = 3.39$$



Practical Solutions for a Better Tomorrow

## MONITORING WELL DATA FORM

WELL ID: 

Location: Chaco Plant  
 Project: Ground Water Monitoring Well development  
 Sampling Technician: GB

Project No.: 04061-0042  
 Date: 7-5-2022  
 Start/End Time: 1016  
 Air Temp: 72°F

Purge Device: Monsoon xc Pump  
 Total Well Depth (ft): 54.51

Well Diameter (in): 2"  
 Water Column (ft):           

Initial D.T.W. (ft):            Time:            (taken at initial gauging of all wells)

Final D.T.W. (ft):            Time:            (taken after sample collection)

If NAPL Present: D.T.P.:            D.T.W.:            Thickness:            Time:           

## Water Quality Parameters - Recorded During Well Purging

Time	Static Water Level	Temp (deg C)	Conductivity (µS/cm)	DO (mg/L)	pH s.u.	ORP (mV)	Purged Volume (see reverse for calc.)	Observations (sheen, odor, organic etc.)
Stabilization Parameters		2°C	3%	10%	1 s.u.	10 mV		
See reverse for notes on purging and stabilization procedures								
1125		29.61	4495	-0.18	6.80	-274.1		Murky Color
1130		31.56	4661	0.52	6.80	-272.7		Murky Color
1135		31.39	4777	0.55	6.79	-283.8		Murky Color
1140		31.77	4853	0.56	6.78	-273.7		Murky Color
1145		31.01	4669	0.64	6.77	-270.7		Murky Color
1150		30.79	4770	0.65	6.76	-273.7		Clear and Sediment at bottom
1155		32.17	5407	0.74	6.76	-251.1		Murky Color
1200		32.43	5101	0.73	6.74	-229.8		Murky Color
1205		31.06	4869	0.83	6.72	-227.2		Murky Color
1210		32.22	5145	0.73	6.72	-218.8		Murky Color
1215		33.18	5312	0.70	6.72	-216.0		Murky Color
1220		33.48	5419	0.67	6.71	-203.6		Murky Color

Disposal of Purged Water: Evaporation ☐ Containerized ☐

Collected Samples Stored on Ice in Cooler: Yes ☐ No ☒

Chain of Custody Record Complete: Yes ☐ No ☒

Analytical Laboratory:           

Equipment Used During Sampling: YSI Monsoon Pump, Interface Prob

Notes/Comments (use this area to document well condition and/or other site maintenance issues):



Practical Solutions for a Better Tomorrow

## MONITORING WELL DATA FORM

WELL ID: 

Location: Cinco Plant  
 Project: Grandwater Monitoring Well Development  
 Sampling Technician: GB

Project No.: 04061-0042Date: 7-5-2022Start/End Time: 1435 / 1538Air Temp: 72°FPurge Device: BailerWell Diameter (in): 2"Total Well Depth (ft): 54.51Water Column (ft): 4.41Initial D.T.W. (ft): 50.10Time: 1435 (taken at initial gauging of all wells)Final D.T.W. (ft):           Time:            (taken after sample collection)If NAPL Present: D.T.P.:           D.T.W.:            Thickness:            Time:           

## Water Quality Parameters - Recorded During Well Purging

Time	Static Water Level	Temp (deg C)	Conductivity (µS/cm)	DO (mg/L)	pH s.u.	ORP (mV)	Purged Volume (see reverse for calc.)	Observations (sheen, odor, organic etc.)
Stabilization Parameters		2°C	3%	10%	1 s.u.	10 mV		
See reverse for notes on purging and stabilization procedures								
1225		33.72	5447	0.83	6.71	-181.5		manifold pump not functioning right
1440		19.78	3432	2.69	6.70	-103.1	Initial	gray murky color / slight sheen
1450		16.94	3166	2.78	6.67	-100.7	0.5 gallons	gray murky color / slight sheen
1456		17.06	3174	2.55	6.64	-112.9	1 gallon	gray murky color / slight odor
1502		16.97	3153	2.68	6.69	-95.7	1.5 gallons	gray murky color / slight odor
1509		16.62	4444	3.65	6.74	-42.4	2 gallons	gray murky color / slight odor

Disposal of Purged Water: Evaporation ☐ Containerized ☐Collected Samples Stored on Ice in Cooler: Yes ☐ No ☒Chain of Custody Record Complete: Yes ☐ No ☒Analytical Laboratory:           Equipment Used During Sampling: Bailer, Interface probe, KSTNotes/Comments (use this area to document well condition and/or other site maintenance issues):           

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Water quality parameters are considered stable when three (3) consecutive measurements meet the following: temperature is within 2°C; pH is within one (1) standard unit; specific conductance/conductivity is within 3%; dissolved oxygen (DO) is within 10%; and oxidation reduction potential (ORP) is within 10 mV.

The parameters should be recorded approximately every well volume when using a bailer and every 2 minutes when using a pump.

If it is necessary to calculate the volume of the monitoring well to determine what volume of groundwater will need to be purged from the well prior to collecting the samples, use the following equation:

$$\text{Well Volume} = (h)(cf)$$

where:

h = height of water column (feet)

cf = gallons/foot based on well diameter shown below

The gallons/foot for common size monitoring wells are as follows:

Well Diameter (inches)	2"	3"	4"	6"
Volume (gallons/foot)	0.1632	0.3672	0.6528	1.4688

The well volume is typically tripled to determine the volume to be purged.

Show purge volume calculation below:

$$h = \text{Total Well Depth} - \text{Depth To Water} = \frac{54.51}{54.51} - 50.10 = 4.41$$

$$\text{Well Volume} = (h)(cf) = (4.41)(0.1632) = 0.719712$$

$$\text{Total Purge Volume} = 3(\text{Well Volume}) = \underline{2.15}$$



Practical Solutions for a Better Tomorrow

## MONITORING WELL DATA FORM

WELL ID: MW-4

Location: Chaco Plant

Project No.: 04062-0042

Project: GW Investigation

Date: 7/7/2022

Sampling Technician: BJC

Start/End Time:

Air Temp:

Purge Device: Bailer

Well Diameter (in): 2"

Total Well Depth (ft): 54.21

Water Column (ft): 5.62

Initial D.T.W. (ft): 48.59

Time: 1030 (taken at initial gauging of all wells)

Final D.T.W. (ft): 51.25

Time: 1323 (taken after sample collection)

If NAPL Present: D.T.P.: 47.65

D.T.W.: 48.59

Thickness: 0.94

Time: 1030

## Water Quality Parameters - Recorded During Well Purging

Time	Static Water Level	Temp (deg C)	Conductivity (µS/cm)	DO (mg/L)	pH S.U.	ORP (mV)	Purged Volume (see reverse for calc.)	Observations (sheen, odor, organic etc.)
Stabilization Parameters		2°C	3%	10%	1 s.u.	10 mV		
See reverse for notes on purging and stabilization procedures								
1303		16.00	5140	6.07	6.87	-13.7		
1308		15.92	4728	5.66	6.85	-10.9		
1313		15.61	4513	5.55	6.86	-10.9		
1318		15.40	4377	5.51	6.85	-12.1		
1323		15.23	4295	5.48	6.87	-12.0		

Disposal of Purged Water: Evaporation ☐ Containerized ☒Collected Samples Stored on Ice in Cooler: Yes ☒ No ☐Chain of Custody Record Complete: Yes ☒ No ☐

Analytical Laboratory: Envirotech

Equipment Used During Sampling: Low-flow, Bailer, string, YSI

Notes/Comments (use this area to document well condition and/or other site maintenance issues):

Unable to use Low-flow for sampling due to  
flow cell unable to hold water



Practical Solutions for a Better Tomorrow



Water quality parameters are considered stable when three (3) consecutive measurements meet the following: temperature is within 2°C; pH is within one (1) standard unit; specific conductance/conductivity is within 3%; dissolved oxygen (DO) is within 10%; and oxidation reduction potential (ORP) is within 10 mV.

The parameters should be recorded approximately every well volume when using a bailer and every 2 minutes when using a pump.

If it is necessary to calculate the volume of the monitoring well to determine what volume of groundwater will need to be purged from the well prior to collecting the samples, use the following equation:

$$\text{Well Volume} = (h)(cf)$$

where:

h = height of water column (feet)

cf = gallons/foot based on well diameter shown below

The gallons/foot for common size monitoring wells are as follows:

Well Diameter (inches)	2"	3"	4"	6"
Volume (gallons/foot)	0.1632	0.3672	0.6528	1.4688

The well volume is typically tripled to determine the volume to be purged.

Show purge volume calculation below:

$$h = \text{Total Well Depth} - \text{Depth To Water} = 54.21 - 48.59 = 5.62$$

$$\text{Well Volume} = (h)(cf) = (5.62)(0.1632) = 0.917$$

$$\text{Total Purge Volume} = 3(\text{Well Volume}) = 2.75$$



Practical Solutions for a Better Tomorrow

# Appendix C



## *Waste Documentation*



**Practical Solutions for a Better Tomorrow**



## Bill of Lading

MANIFEST # 71881  
GENERATOR Enterprise  
POINT OF ORIGIN Choco Point  
TRANSPORTER RLY  
DATE 03/14/82 JOB # 97057-105

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

Generator Onsite Contact

Phone

*Signatures required prior to distribution of the legal document.*

**DISTRIBUTION:** White - Company Records    Blue - Yellow - Customer    Pink - F.C.I.



# Bill of Lading

MANIFEST # 72526

GENERATOR EnterprisePOINT OF ORIGIN Chaco Plant Produced waterTRANSPORTER West States 04061-0040DATE 04-21-22 JOB # 99051-125

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF 2-15	Con't Soil	A35	12	-	-	-	515	0930	<i>[Signature]</i>
2	"	"	A35	12	-	-	-	515	1115	<i>[Signature]</i>
3	"	"	A35	12	-	-	-	515	1320	<i>[Signature]</i>
4	"	"	A35	12	-	-	-	515	1355	<i>[Signature]</i>
5	"	"	A35	12	-	-	-	515	1635	<i>[Signature]</i>
				60						
RESULTS			LANDFARM EMPLOYEE				NOTES			
291	CHLORIDE TEST	1	<i>Cathy Robinson</i>							
281	CHLORIDE TEST	1								
	CHLORIDE TEST									
Pass	PAINT FILTER TEST	2	<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reccival <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out				By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.			

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

Signatures required prior to distribution of the legal document.

DISTRIBUTION: White - Company Records / Billing   Yellow - Customer   Pink - LF Copy



# Bill of Lading

MANIFEST # 72527

GENERATOR EnterprisePOINT OF ORIGIN Chaco Plant ProducedTRANSPORTER HBL WaterDATE 04-21-27 JOB # 93851 HES

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF2- <del>5</del>	CON'T SOIL	A35	12	-	-	-	47	0940	Lee Moss
2	LF2-5"	" "	A35	12	-	-	-	47	1115	Lee Moss
3	" "	" "	A35	12	-	-	-	47	1320	Lee Moss
4	" "	" "	A35	12	-	-	-	47	1355	Lee Moss
5	" "	" "	A35	12	-	-	-	47	1637	Lee Moss
				60						
RESULTS		LANDFARM EMPLOYEE		NOTES						
281	CHLORIDE TEST	2	<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.					
	CHLORIDE TEST									
	CHLORIDE TEST									
Pass	PAINT FILTER TEST	2								

SCANNED

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

Signatures required prior to distribution of the legal document.

DISTRIBUTION: White - Company Records / Billing Yellow - Customer Pink - LF Copy





# Bill of Lading

MANIFEST # 72553

GENERATOR EnterprisePOINT OF ORIGIN Chern Plant Produced WaterTRANSPORTER West StatesDATE 04-22-22 JOB # 97057-1125

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF2-5	Cont Soil	A35	12	-	-	-	515	0950	<i>[Signature]</i>
2	"	" "	J28	12	-	-	-	515	1135	<i>[Signature]</i>
3	"	" "	J28	12	-	-	-	515	1320	<i>[Signature]</i>
4	"	" "	J28	12	-	-	-	515	1435	<i>[Signature]</i>
				48						
RESULTS		LANDFARM EMPLOYEE		<i>[Signature]</i>				NOTES		
<281	CHLORIDE TEST	1								
	CHLORIDE TEST			<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out						
	CHLORIDE TEST			By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.						
<i>[Signature]</i>	PAINT FILTER TEST	1								

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

Signatures required prior to distribution of the legal document.

DISTRIBUTION: White - Company Records / Billing   Yellow - Customer   Pink - LF Copy



DATE 04.22.22 JOB # 97057-1125

**SAN JUAN PRINTING 2021 407-3**



envirotech

## Bill of Lading

MANIFEST # 72929

GENERATOR Enterprise

POINT OF ORIGIN Chaco Plant

TRANSPORTER West States

DATE 5-16-22 JOB # 04061-0040

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

*Signatures required prior to distribution of the legal document.*

DISTRIBUTION:    **White** - Company Records / Billing    **Yellow** - Customer    **Pink** - LF Copy



DATE 06.24.22 JOB # ~~97057-1125~~

SCANNED

RESULTS			LANDFARM EMPLOYEE	<i>Cory Robinson</i> <i>Gue</i>	NOTES
2281	CHLORIDE TEST	1			
	CHLORIDE TEST		<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Recelval <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out		
	CHLORIDE TEST		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.		
<i>pass</i>	PAINT FILTER TEST	1			

SAN JUAN PRINTING 2021 407-3


**CONTRACT ENVIRONMENTAL SERVICES, INC.**

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

 Manifest Number: **16196**
**Asbestos Landfill Manifest**

 Delivery Date (mm/dd/yy): 04/11/22 Delivery Time 3:00  
 Volume or Weight: 20 CY Type and proper name of the waste Asm Soil Container # LY18  
 Type of Cont. Empty

GENERATOR	Generator's Name: <u>Contract Environmental Services, Inc.</u>	
	Generator's Address: <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u>	
	Telephone Number: <u>(970) 565-1198</u>	
	Waste Origin (Project or Location Name): <u>CHAS BLVD</u>	
	Waste Origin Address: <u></u>	
	Billing Information (if different from above):	
	Name: <u>Contract Environmental Services, Inc.</u>	Job or P.O. No.: <u>0161-001A</u>
	Company: <u>ENVIRONMENTAL SERVICES, INC.</u>	
	Billing Address: <u>57910 W. Hwy 64, Farmington, NM 87401</u>	
	Telephone Number: <u>505 632 0615</u>	
TRANSPORTER	Transporter Information:	
	Transporter 1 Transporter Company Name: <u>BASCO TRANSPORT</u>	
	Transporter Company Address: <u>1301 S. 3000 E, Farmington, NM 87401</u>	
	Telephone Number: <u>505 320 7118</u>	
	Transporter 2 Transporter Company Name: <u></u>	
	Transporter Company Address: <u></u>	
	Telephone Number: <u></u>	
	Destination Facility Information:	
	Facility Name: <u>Contract Environmental Services, Inc.</u>	
	Telephone Number: <u>(970) 565-1198</u>	
Office Address: <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u>		
Permit Number: <u>0405R2</u>		
Facility Location: <u>NE 1/4, S18, T39S, R26E, San Juan County, Utah</u>		
State of Utah Class V Landfill		
Special Handling Instructions or Additional Information:		
Generator's Certification: <i>I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.</i>		
Printed/Typed Name: <u></u> Signature: <u></u> Date: <u></u>		
Contract Environmental Services, Inc.	Transporter 1 Acknowledgement of Receipt of Asbestos Waste	
	Truck Number: <u>1619</u>	
	Printed/Typed Name: <u></u> Signature: <u></u> Date: <u></u>	
	Transporter 2 Acknowledgement of Receipt of Asbestos Waste	
	Truck Number: <u></u>	
	Printed/Typed Name: <u></u> Signature: <u></u> Date: <u></u>	
	Discrepancy Indication:	
	The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.	
	Additional Discrepancy: <u></u>	
	Facility Owner or Operator: <i>I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.</i>	
Printed/Typed Name: <u></u> Signature: <u></u> Date: <u>04/11/22</u>		
Acceptable condition: <u>Yes</u> No		
Grid Number Deposited in: <u>9c</u>		
GPS info N <u></u> W <u></u>		
Time arriving at landfill: <u>3:00</u>		

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	9	8	7
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	18




**CONTRACT ENVIRONMENTAL SERVICES, INC.**
**59791**

925 S. Broadway, Ste 251 • Cortez, Colorado 81321 • 970-565-1198

## Landfarm Soil Delivery Manifest

Landfarm Location: NE1/4, S18, T39S, R26E, San Juan County, UT

I certify that this is RCRA-exempt Oilfield Waste, Signed: \_\_\_\_\_

 Delivery Date (mm/dd/yy): 4/11/23 Delivery Time: 7:00

 Volume Delivered (est. cu. yd.): 2.0

Description (soil type, color, etc.): \_\_\_\_\_

### Soil Origin and Generator Information:

Location or Well name: \_\_\_\_\_

Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_ Qt/Qt or U.L.: \_\_\_\_\_

 Generator: 221

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

### Send Invoice to (if different from above):

Name: \_\_\_\_\_ Job or P.O. no.: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

### Transporter Information:

Trucking Company: \_\_\_\_\_

 Address: 15 N. J. 5007

 Phone: 970-234-2700

 Driver: \_\_\_\_\_ Truck Number: LV77

 Time left site: 11:00 Time arriving at landfarm: \_\_\_\_\_

Remediated soil will either (check one):

☒ remain at landfarm, or

☐ return to its originating location.

"GPS"

N \_\_\_\_\_

W \_\_\_\_\_

### Depositing Information:

 Grid Number Deposited In: 9c

Shade in approximate area accounted for by the soil in the appropriate grid square:

**Soil Contamination Data:**

Field headspace: \_\_\_\_\_

TPH: \_\_\_\_\_ SAR: \_\_\_\_\_

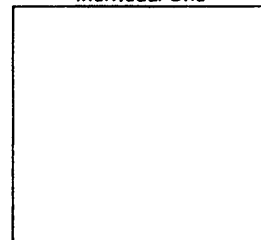
Elec. Cond: \_\_\_\_\_

EPS: \_\_\_\_\_

Date tested: \_\_\_\_\_

3	2	1
4	5	6
9	8	7
10	11	12
15	14	13
16	17	18

Individual Grid



REPROGRAPHICS 111114C



# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: **16196**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): **04/11/22** Delivery Time: **3:00**  
 Volume or Weight: **20** CY Type and proper name of the waste: **4m Soil** Container # **LV18**  
 Type of Cont. **END DUMP**

GENERATOR	Generator's Name: <b>ENTERPRISE</b>																																				
	Generator's Address: <b>1014 REILEY AVE FARMINGTON, NM</b>																																				
	Telephone Number: <b>(505) 599-2065</b>																																				
	Waste Origin (Project or Location Name): <b>CHALO PLANT</b>																																				
	Waste Origin Address:																																				
	Billing Information (if different from above):																																				
	Name: <b>ENVIROTECH DONALD ORTIZ</b>	Job or P.O. No.: <b>04561-0048</b>																																			
	Company: <b>ENVIROTECH</b>																																				
	Billing Address: <b>5796 US. Hwy 64 FARMINGTON, NM 87401</b>																																				
	Telephone Number: <b>505 632 0615</b>																																				
TRANSPORTER	Transporter Information:																																				
	Transporter 1 Transporter Company Name: <b>BACELA TRUCKING</b>																																				
	Transporter Company Address: <b>15 Rd. 5367 FARMINGTON, NM</b>																																				
	Telephone Number: <b>505 320 7718</b>																																				
	Transporter 2 Transporter Company Name:																																				
	Transporter Company Address:																																				
	Telephone Number:																																				
	Destination/Facility Information:																																				
	Facility Name: <b>Contract Environmental Services, Inc.</b>																																				
	Telephone Number: <b>(970) 565-1198</b>																																				
Office Address: <b>925 S. Broadway, Suite 251, Cortez, CO 81321</b>																																					
Permit Number: <b>0405R2</b>																																					
Facility Location: <b>NE 1/4, S18, T39S, R26E, San Juan County, Utah</b>																																					
State of Utah Class V Landfill																																					
Special Handling Instructions or Additional Information:																																					
Generator's Certification: <i>I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.</i>																																					
Printed/Typed Name: <b>Leonard Beich</b>																																					
Signature: <b>Leonard Beich</b>																																					
Date: <b>4-11-22</b>																																					
Contract Environmental Services, Inc.	Transporter 1 Acknowledgement of Receipt of Asbestos Waste																																				
	Truck Number: <b>LV19</b>																																				
	Printed/Typed Name: <b>Leonard Beich</b>																																				
	Signature: <b>Leonard Beich</b>																																				
	Date: <b>4-11-22</b>																																				
	Transporter 2 Acknowledgement of Receipt of Asbestos Waste																																				
	Truck Number:																																				
	Printed/Typed Name:																																				
	Signature:																																				
	Date:																																				
Discrepancy Indication:																																					
The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.																																					
Additional Discrepancy:																																					
Facility Owner or Operator: <i>I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.</i>																																					
Printed/Typed Name: <b>Thomas, mferf</b>																																					
Signature: <b>Thomas, mferf</b>																																					
Date: <b>4/11/22</b>																																					
Acceptable condition: <b>(Yes)</b> No																																					
Grid Number Deposited In: <b>9c</b>																																					
GPS Info N <b>W</b>																																					
Time arriving at landfill: <b>3:00</b>																																					
<table border="1"> <tr><td>21</td><td>20</td><td>19</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>27</td><td>26</td><td>25</td><td>8</td><td>7</td><td></td></tr> <tr><td>28</td><td>29</td><td>30</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>33</td><td>32</td><td>31</td><td>15</td><td>14</td><td>13</td></tr> <tr><td>34</td><td>35</td><td>36</td><td>16</td><td>17</td><td>18</td></tr> </table>		21	20	19	3	2	1	22	23	24	4	5	6	27	26	25	8	7		28	29	30	10	11	12	33	32	31	15	14	13	34	35	36	16	17	18
21	20	19	3	2	1																																
22	23	24	4	5	6																																
27	26	25	8	7																																	
28	29	30	10	11	12																																
33	32	31	15	14	13																																
34	35	36	16	17	18																																



# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: **16198**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yyyy): **04-14-22** Delivery Time: **12:15**  
 Volume or Weight: **2.0 CY** Type and proper name of the waste: **Asbestos** Container # **566**  
 Type of Cont: **PCU-m**

Generator's Name: **Chaco plant / Enterprise**  
 Generator's Address: **614 Kelly Ave** Telephone Number: **565-599-2000**

Waste Origin (Project or Location Name): **Chaco plant**  
 Waste Origin Address: **Farmington, N.M. 87401**

Billing Information (If different from above):  
 Name: **Envirotech** Job or P.O. No.: **04061-0040**

Company: **Envirotech**  
 Billing Address: **5796 US Hwy 64 Farmington, N.M.** Telephone Number: **505-637-045**

Transporter Information:  
 Transporter 1 Transporter Company Name: **Envirotech**

Transporter Company Address: **5796 US Hwy 64 Farmington, N.M.** Telephone Number:

Transporter 2 Transporter Company Name:

Transporter Company Address: Telephone Number:

Destination Facility Information:  
 Facility Name: **Contract Environmental Services, Inc.** Telephone Number: **(970) 565-1198**

Office Address: **925 S. Broadway, Suite 251, Cortez, CO 81321** Permit Number: **0405R2**  
 Facility Location: **NE 1/4, S18, T39S, R26E, San Juan County, Utah** State of Utah Class V Landfill

Special Handling Instructions or Additional Information:

Generator's Certification: *I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.*

Printed/Typed Name: Signature: Date:

Transporter 1 Acknowledgement of Receipt of Asbestos Waste Truck Number: **560**

Printed/Typed Name: **Gilbert D Carr** Signature: Date: **4/14/22**

Transporter 2 Acknowledgement of Receipt of Asbestos Waste Truck Number:

Printed/Typed Name: Signature: Date:

Discrepancy Indication:  
 The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.

Additional Discrepancy:  
 Facility Owner or Operator: *I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.*

Printed/Typed Name: **NED SNAPE** Grid Number Deposited in: **9C**  
 Signature: **Ned Snape** GPS info N **9C** W  
 Date: **04/14/22** Acceptable condition: **Yes** No  
 Time arriving at landfill: **12:15**

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	18	8	7
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	18



# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: **15612**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 4/27/22 Delivery Time: 12:15  
 Volume or Weight: 20 CY Type and proper name of the waste: Asm Container #: 723  
 Type of Cont: Land Dump

Generator's Name: Charo Plant Enterprise

Generator's Address: 614 Reily Ave, Farmington, NM Telephone Number: 505-599-2005

Waste Origin (Project or Location Name): Charo Plant

Waste Origin Address: Farmington, NM 87401

### Billing Information (if different from above):

Name: Envirotech Inc Job or P.O. No.: 04061-0040

Company: 5796 US 64, Farmington, NM 87401

Billing Address:

Telephone Number:

### Transporter Information:

Transporter 1 Transporter Company Name: Envirotech Inc.

Transporter Company Address: 5796 US Hwy 64, Farmington, NM 87401 Telephone Number: 505-632-0615

Transporter 2 Transporter Company Name:

Transporter Company Address:

Telephone Number:

### Destination Facility Information:

Facility Name: Contract Environmental Services, Inc. Telephone Number: (970) 565-1198

Office Address: 925 S. Broadway, Suite 251, Cortez, CO 81321

Permit Number: 0405R2

Facility Location: NE 1/4, S18, T39S, R26E, San Juan County, Utah

State of Utah Class V Landfill

### Special Handling Instructions or Additional Information:

Generator's Certification: *I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.*

Printed/Typed Name:

Signature:

Date:

David Ortiz

[Signature]

4-27-22

Transporter 1 Acknowledgement of Receipt of Asbestos Waste

Truck Number: 10310

Printed/Typed Name:

Signature:

Date:

Steen J McNeal

[Signature]

4/27/22

Transporter 2 Acknowledgement of Receipt of Asbestos Waste

Truck Number:

Printed/Typed Name:

Signature:

Date:

### Discrepancy Indication:

The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.

Additional Discrepancy:

Facility Owner or Operator: *I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.*

Printed/Typed Name:

Grid Number Deposited in:

Thomas, Muelo

91

Signature:

GPS info N

Date:

Acceptable condition:

4/27/22

(Yes) No

Time arriving at landfill: 12:15

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	8	8	7
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	18





# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: **15613**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yyyy): 4/27/22 Delivery Time 2:00  
 Volume or Weight: 20 CY Type and proper name of the waste: Asm Container # 724  
 Type of Cont: Embrmp

GENERATOR	Generator's Name: <u>Chaco Plant Enterprise</u>	
	Generator's Address: <u>614 Reily Ave, Farmington NM</u> Telephone Number: <u>505-599-2005</u>	
	Waste Origin (Project or Location Name): <u>Chaco Plant</u>	
	Waste Origin Address: <u>Farmington, NM</u>	
	Billing Information (if different from above):	
	Name: <u>Envirotech Inc.</u>	Job or P.O. No.: <u>04061-0040</u>
	Company:	
	Billing Address: <u>5796 US 64, Farmington, NM 87401</u> Telephone Number: <u>505-632-0615</u>	
	Transporter Information:	
	Transporter 1 Transporter Company Name: <u>Envirotech Inc.</u>	
Transporter Company Address: <u>5796 US 64, Farmington, NM 87401</u> Telephone Number: <u>505-632-0615</u>		
Transporter 2 Transporter Company Name:		
Transporter Company Address:		
Telephone Number:		
Destination Facility Information:		
Facility Name: <u>Contract Environmental Services, Inc.</u> Telephone Number: <u>(970) 565-1198</u>		
Office Address: <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u> Permit Number: <u>0405R2</u>		
Facility Location: <u>NE 1/4, S18, T39S, R26E, San Juan County, Utah</u> State of Utah, Class V Landfill		
Special Handling Instructions or Additional Information:		

Generator's Certification: I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.

Printed/Typed Name: Donna D. D.H. 2 Signature: [Signature] Date: 4-27-22

TRANSPORTER	Transporter 1 Acknowledgement of Receipt of Asbestos Waste		Truck Number: <u>9722</u>
	Printed/Typed Name: <u>Petersen Pro</u>	Signature: <u>[Signature]</u>	Date: <u>4-27-2022</u>
	Transporter 2 Acknowledgement of Receipt of Asbestos Waste		Truck Number:
	Printed/Typed Name:	Signature:	Date:

### Discrepancy Indication:

The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.

Additional Discrepancy:

Facility Owner or Operator: I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.

Contract Environmental Services, Inc.	Printed/Typed Name: <u>THOMAS, MEALE</u>		Grid Number Deposited in: <u>9c</u>	<table border="1"> <tr><td>21</td><td>20</td><td>19</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>27</td><td>26</td><td>25</td><td>8</td><td>7</td><td></td></tr> <tr><td>28</td><td>29</td><td>30</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>33</td><td>32</td><td>31</td><td>15</td><td>14</td><td>13</td></tr> <tr><td>34</td><td>35</td><td>36</td><td>16</td><td>17</td><td>18</td></tr> </table>	21	20	19	3	2	1	22	23	24	4	5	6	27	26	25	8	7		28	29	30	10	11	12	33	32	31	15	14	13	34	35	36	16	17	18
	21	20			19	3	2	1																																
	22	23	24		4	5	6																																	
	27	26	25		8	7																																		
28	29	30	10	11	12																																			
33	32	31	15	14	13																																			
34	35	36	16	17	18																																			
Signature: <u>[Signature]</u>		GPS info N <u>W</u>																																						
Date: <u>4/27/22</u>	Acceptable condition: <u>(Yes)</u> No	Time arriving at landfill: <u>2:00</u>																																						





# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: **15614**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 4-28-22 Delivery Time 1:10  
 Volume or Weight: 20 CY Type and proper name of the waste: burn to ACM Container # 729  
 Type of Cont: Landfill

### Generator's Name:

### Generator's Address:

615 Reilly Ave Farmington, NM Enterprise Chaco Plant

Telephone Number: 505-599-2005

Waste Origin (Project or Location Name): Chaco Plant

Waste Origin Address: Farmington, NM

### Billing Information (if different from above):

Name: Envirotech Inc.

Job or P.O. No: 041061-0040

Company: Envirotech Inc.

Billing Address: 5796 US 64, Farmington, NM

Telephone Number: 505-632-0615

### Transporter Information:

Transporter 1 Transporter Company Name: Envirotech Inc.

Transporter Company Address: 5796 US 64 Farmington NM 87401

Telephone Number: 505-632-0615

Transporter 2 Transporter Company Name:

Transporter Company Address:

Telephone Number:

### Destination Facility Information:

Facility Name: Contract Environmental Services, Inc.

Telephone Number: (970) 565-1198

Office Address: 925 S. Broadway, Suite 251, Cortez, CO 81321

Permit Number: 0405R2

Facility Location: NE 1/4, S18, T39S, R26E, San Juan County, Utah

State of Utah Class V Landfill

### Special Handling Instructions or Additional Information:

Generator's Certification: *I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.*

Printed/Typed Name:

Signature:

Date:

Donald Ortiz

[Signature]

4-28-22

Transporter 1 Acknowledgement of Receipt of Asbestos Waste

Truck Number: 729

Printed/Typed Name:

Signature:

Date:

Victor D. Toranzo

[Signature]

4-28-22

Transporter 2 Acknowledgement of Receipt of Asbestos Waste

Truck Number:

Printed/Typed Name:

Signature:

Date:

### Discrepancy Indication:

The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.

### Additional Discrepancy:

Facility Owner or Operator: *I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.*

Printed/Typed Name:

Grid Number Deposited in:

NED SAEK

9C

Signature:

GPS info N

[Signature]

W

Date:

Acceptable condition:

04-28-22

(Yes)

No

Time arriving at landfill: 1:00

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	8	7	
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	18



# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: **15615**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): **4-28-22** Delivery Time: **1:10**  
 Volume or Weight: **20** Type and proper name of the waste: **burnt to ACM** Container # **722**  
 Type of Cont: **Filled**

Generator's Name: **Enterprise - Charo Plant**

Generator's Address: **615 Reilly Ave, Farmington NM 87401** Telephone Number: **505-632-0615**

Waste Origin (Project or Location Name): **Charo Plant**

Waste Origin Address:

### Billing Information (if different from above):

Name: **Envirotech Inc** Job or P.O. No.: **04061-0040**

Company:

Billing Address: **5796 US 64, Farmington, NM 87401** Telephone Number: **505-632-0615**

### Transporter Information:

Transporter 1 Transporter Company Name: **Envirotech Inc**

Transporter Company Address: **5796 US 64, Farmington, NM 87401** Telephone Number: **505-632-0615**

Transporter 2 Transporter Company Name:

Transporter Company Address:

Telephone Number:

### Destination Facility Information:

Facility Name: **Contract Environmental Services, Inc.** Telephone Number: **(970) 565-1198**

Office Address: **925 S. Broadway, Suite 251, Cortez, CO 81321** Permit Number: **0405R2**

Facility Location: **NE 1/4, S18, T39S, R26E, San Juan County, Utah** State of Utah Class V Landfill

### Special Handling Instructions or Additional Information:

Generator's Certification: *I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.*

Printed/Typed Name: **THOMAS D. ORTIZ** Signature: **[Signature]** Date: **4-28-22**

Transporter 1 Acknowledgement of Receipt of Asbestos Waste Truck Number: **727**

Printed/Typed Name: **Petersen Pinto** Signature: **[Signature]** Date: **4-28-2022**

Transporter 2 Acknowledgement of Receipt of Asbestos Waste Truck Number:

Printed/Typed Name: Signature: Date:

### Discrepancy Indication:

The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.

Additional Discrepancy:

Facility Owner or Operator: *I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.*

Printed/Typed Name: **NEIL S. REIL** Grid Number Deposited in: **9C**

Signature: **[Signature]** GPS info N **W**

Date: **04-28-22** Acceptable condition: **Yes** No

Time arriving at landfill: **1:10**

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	8	7	
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	18



# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: **16233**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 5/24/22 Delivery Time 17:30  
 Volume or Weight: 20 CY Type and proper name of the waste: ACM Container # LD01  
 Type of Cont. Empty

GENERATOR	Generator's Name: <u>ENTERPRISE</u>																																				
	Generator's Address: <u>6014 DIXIE AVE Farmington</u>																																				
	Waste Origin (Project or Location Name): <u>ENTERPRISE China plant</u>																																				
	Waste Origin Address:																																				
	Billing Information (if different from above):																																				
	Name: <u>ENVIRONMENTAL INC.</u>	Job or P.O. No.: <u>040601-0040</u>																																			
	Company:																																				
	Billing Address: <u>5796 US 64 Farmington, NM</u>																																				
	Telephone Number: <u>505 632 0615</u>																																				
	Transporter Information:																																				
TRANSPORTER	Transporter 1 Transporter Company Name: <u>ENVIRONMENTAL INC.</u>																																				
	Transporter Company Address: <u>5796 US 64 Farmington, NM</u>																																				
	Telephone Number: <u>505 632 0615</u>																																				
	Transporter 2 Transporter Company Name:																																				
	Transporter Company Address:																																				
	Telephone Number:																																				
	Destination Facility Information:																																				
	Facility Name: <u>Contract Environmental Services, Inc.</u>																																				
	Office Address: <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u>																																				
	Facility Location: <u>NE 1/4, S18, T39S, R26E, San Juan County, Utah</u>																																				
Telephone Number: <u>(970) 565-1198</u>																																					
Permit Number: <u>0405R2</u>																																					
State of Utah Class V Landfill																																					
Special Handling Instructions or Additional Information:																																					
Generator's Certification: <u>I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.</u>																																					
Printed/Typed Name: <u>Donald Ortiz</u>																																					
Signature:																																					
Date:																																					
Contract Environmental Services, Inc.	Transporter 1 Acknowledgement of Receipt of Asbestos Waste																																				
	Truck Number: <u>111</u>																																				
	Printed/Typed Name: <u>Levi Hatley</u>																																				
	Signature:																																				
	Date: <u>5-26-22</u>																																				
	Transporter 2 Acknowledgement of Receipt of Asbestos Waste																																				
	Truck Number:																																				
	Printed/Typed Name:																																				
	Signature:																																				
	Date:																																				
Discrepancy Indication:																																					
The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.																																					
Additional Discrepancy:																																					
Facility Owner or Operator: <u>I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.</u>																																					
Printed/Typed Name: <u>THOMAS MEALE</u>																																					
Signature:																																					
Date: <u>5/24/22</u>																																					
Acceptable condition: <u>(Yes)</u> No																																					
Grid Number Deposited in: <u>70</u>																																					
GPS info N <u>W</u>																																					
Time arriving at landfill: <u>17:31</u>																																					
<table border="1"> <tr><td>21</td><td>20</td><td>19</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>27</td><td>26</td><td>25</td><td>20</td><td>8</td><td>7</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>33</td><td>32</td><td>31</td><td>15</td><td>14</td><td>13</td></tr> <tr><td>34</td><td>35</td><td>36</td><td>16</td><td>17</td><td>18</td></tr> </table>		21	20	19	3	2	1	22	23	24	4	5	6	27	26	25	20	8	7	28	29	30	10	11	12	33	32	31	15	14	13	34	35	36	16	17	18
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# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number **16234**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 5/26/72 Delivery Time 12:30  
 Volume or Weight: 20 CY Type and proper name of the waste: Asb Container # 724  
 Type of Cont. Fun Dump

GENERATOR	Generator's Name: <u>ENTERPRISE</u>																																					
	Generator's Address: <u>1014 Riley Ave, Farmington</u>																																					
	Waste Origin (Project or Location Name): <u>ENTERPRISE CHARG PLANT</u>																																					
	Waste Origin Address:																																					
	Billing Information (if different from above):																																					
	Name: <u>EMING TECH INC</u>	Job or P.O. No.: <u>041061 0040</u>																																				
	Company:																																					
	Billing Address: <u>5796 US 64 Farmington NM 87401</u>																																					
	Telephone Number: <u>505 632 0615</u>																																					
	Transporter Information:																																					
TRANSPORTER	Transporter 1 Transporter Company Name: <u>EMING TECH INC</u>																																					
	Transporter Company Address: <u>5796 US 64 Farmington NM 87401</u>																																					
	Telephone Number: <u>505 632 0615</u>																																					
	Transporter 2 Transporter Company Name:																																					
	Transporter Company Address:																																					
	Telephone Number:																																					
	Destination Facility Information:																																					
	Facility Name: <u>Contract Environmental Services, Inc.</u>																																					
	Office Address: <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u>																																					
	Facility Location: <u>NE 1/4, S18, T39S, R26E, San Juan County, Utah</u>																																					
Telephone Number: <u>(970) 565-1198</u>																																						
Permit Number: <u>0405R2</u>																																						
State of Utah Class V Landfill																																						
Special Handling Instructions or Additional Information:																																						
Generator's Certification: <u>I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.</u>																																						
Printed/Typed Name: <u>DANALD CORTIZ</u>																																						
Signature:																																						
Date:																																						
Contract Environmental Services, Inc.	Transporter 1 Acknowledgement of Receipt of Asbestos Waste																																					
	Printed/Typed Name: <u>Donnie Vigilando</u>		Truck Number: <u>777</u>																																			
	Signature: <u>[Signature]</u>		Date: <u>5/26/22</u>																																			
	Transporter 2 Acknowledgement of Receipt of Asbestos Waste																																					
	Printed/Typed Name:		Truck Number:																																			
	Signature:		Date:																																			
	Discrepancy Indication:																																					
	The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.																																					
	Additional Discrepancy:																																					
	Facility Owner or Operator: <u>I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.</u>																																					
Printed/Typed Name: <u>THOMAS MERRIC</u>																																						
Signature:																																						
Date: <u>5/26/72</u>																																						
Acceptable condition: <u>Yes</u> No																																						
Grid Number Deposited in: <u>70</u>																																						
GPS info N <u>W</u>																																						
Time arriving at landfill: <u>12:30</u>																																						
<table border="1"> <tr><td>21</td><td>20</td><td>19</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>27</td><td>26</td><td>25</td><td>8</td><td>8</td><td>7</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>33</td><td>32</td><td>31</td><td>15</td><td>14</td><td>13</td></tr> <tr><td>34</td><td>35</td><td>36</td><td>16</td><td>17</td><td>18</td></tr> </table>			21	20	19	3	2	1	22	23	24	4	5	6	27	26	25	8	8	7	28	29	30	10	11	12	33	32	31	15	14	13	34	35	36	16	17	18
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# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: 16235

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 8/5/2017 Delivery Time: 17:30  
 Volume or Weight: 20 CY Type and proper name of the waste: Asbestos Container #: 1029  
 Type of Cont.: Landfill

GENERATOR	Generator's Name: <u>ENTERPRISE</u>	
	Generator's Address: <u>604 Rieley Ave Farmington, NM 87401</u>	
	Waste Origin (Project or Location Name): <u>ENTERPRISE</u>	Telephone Number: <u>505 599 2005</u>
	Waste Origin Address:	
	Billing Information (if different from above):	
	Name: <u>ENTERPRISE INC.</u>	Job or P.O. No.: <u>040610040</u>
	Company:	
	Billing Address: <u>5796 US. 64 Farmington, NM 87401</u>	
	Telephone Number: <u>505 637 0615</u>	
	Transporter Information:	
TRANSPORTER	Transporter 1 Transporter Company Name: <u>ENTERPRISE INC.</u>	
	Transporter Company Address: <u>5796 US. 64 Farmington, NM 87401</u>	
	Telephone Number: <u>505 637 0615</u>	
	Transporter 2 Transporter Company Name:	
	Transporter Company Address:	
	Telephone Number:	
	Destination Facility Information:	
	Facility Name: <u>Contract Environmental Services, Inc.</u>	
	Office Address: <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u>	
	Facility Location: <u>NE 1/4, S18, T39S, R26E, San Juan County, Utah</u>	
Telephone Number: <u>(970) 565-1198</u>		
Permit Number: <u>0405R2</u>		
State of Utah Class V Landfill		
Special Handling Instructions or Additional Information:		
Generator's Certification: <u>I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.</u>		
Printed/Typed Name: <u>DONALD ORTIZ</u>		
Signature: _____		
Date: _____		

TRANSPORTER	Transporter 1 Acknowledgement of Receipt of Asbestos Waste		Truck Number: <u>10100</u>
	Printed/Typed Name: <u>LARRY REYALE</u>	Signature: _____	Date: <u>8/5/2017</u>
	Transporter 2 Acknowledgement of Receipt of Asbestos Waste		Truck Number:
	Printed/Typed Name:	Signature:	Date:

Contract Environmental Services, Inc.	Discrepancy Indication:	
	The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.	
	Additional Discrepancy:	
	Facility Owner or Operator: <u>I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.</u>	
	Printed/Typed Name: <u>THOMAS MENEZ</u>	Grid Number Deposited in: <u>7C</u>
Signature: _____	GPS info N _____	
Date: <u>8/24/17</u>	W _____	
Acceptable condition: <u>Yes</u> No	Time arriving at landfill: <u>17:30</u>	

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	8	8	7
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	18





# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: 15619

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 5-12-22 Delivery Time 12:00  
 Volume or Weight: 20 CY Type and proper name of the waste: Debris ACM Container # 724 Type of Cont. Blowdown

GENERATOR	Generator's Name: <u>Enterprise Chaco Plant</u>																																					
	Generator's Address: <u>614 Reily Ave, Farmington, NM</u>																																					
	Waste Origin (Project or Location Name): <u>Chaco Plant</u>		Telephone Number: <u>505-599-2005</u>																																			
	Waste Origin Address:																																					
	Billing Information (if different from above):																																					
	Name:		Job or P.O. No.: <u>04061-0040</u>																																			
	Company: <u>Envirotech Inc.</u>																																					
	Billing Address: <u>5796 US 64, Farmington, NM 87401</u>																																					
	Telephone Number: <u>505-632-0615</u>																																					
	Transporter Information:																																					
TRANSPORTER	Transporter 1 Transporter Company Name: <u>Envirotech Inc.</u>																																					
	Transporter Company Address: <u>5796 US 64, Farmington, NM 87401</u>																																					
	Transporter 2 Transporter Company Name:		Telephone Number: <u>505-632-0615</u>																																			
	Transporter Company Address:																																					
	Telephone Number:																																					
	Destination Facility Information:																																					
	Facility Name: <u>Contract Environmental Services, Inc.</u>		Telephone Number: <u>(970) 565-1198</u>																																			
	Office Address: <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u>		Permit Number: <u>0405R2</u>																																			
	Facility Location: <u>NE 1/4, S18, T39S, R26E, San Juan County, Utah</u>		State of Utah Class V Landfill																																			
	Special Handling Instructions or Additional Information:																																					
Generator's Certification: <i>I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.</i>																																						
Printed/Typed Name: <u>Vernon Ortiz</u>		Signature: <u>[Signature]</u>																																				
Date: <u>5-12-22</u>																																						
Transporter 1 Acknowledgement of Receipt of Asbestos Waste		Truck Number: <u>722</u>																																				
Printed/Typed Name: <u>Peterson Pinto</u>		Signature: <u>[Signature]</u>																																				
Date: <u>5-12-2022</u>																																						
Transporter 2 Acknowledgement of Receipt of Asbestos Waste		Truck Number:																																				
Printed/Typed Name:		Signature:																																				
Date:																																						
Discrepancy Indication:																																						
The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.																																						
Additional Discrepancy:																																						
Facility Owner or Operator: <i>I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.</i>																																						
Printed/Typed Name: <u>NEED SIGNATURE</u>		Grid Number Deposited in: <u>9C</u>																																				
Signature: <u>[Signature]</u>		GPS info N <u>        </u>																																				
Date: <u>5-12-22</u>		W <u>        </u>																																				
Acceptable condition: <u>Yes</u> No		Time arriving at landfill: <u>12:00</u>																																				
		<table border="1"> <tr><td>21</td><td>20</td><td>19</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>27</td><td>26</td><td>25</td><td>9</td><td>8</td><td>7</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>33</td><td>32</td><td>31</td><td>15</td><td>14</td><td>13</td></tr> <tr><td>34</td><td>35</td><td>36</td><td>16</td><td>17</td><td>18</td></tr> </table>	21	20	19	3	2	1	22	23	24	4	5	6	27	26	25	9	8	7	28	29	30	10	11	12	33	32	31	15	14	13	34	35	36	16	17	18
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# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: **15620**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 5-12-22 Delivery Time 12:00  
 Volume or Weight: 20 CY Type and proper name of the waste Asbestos Container # 723  
 Type of Cont. Plastic

GENERATOR	Generator's Name: <u>Enterprise - Chaco Plant</u>																																				
	Generator's Address: <u>614 Reilly Ave, Farmington, NM 87401</u>																																				
	Waste Origin (Project or Location Name): <u>Chaco Plant</u>																																				
	Waste Origin Address:																																				
	Billing Information (if different from above):																																				
	Name:	Job or P.O. No.: <u>09061-0040</u>																																			
	Company: <u>Envirotech, Inc</u>																																				
	Billing Address: <u>5796 US 64, Farmington, NM 87401</u>																																				
	Telephone Number: <u>505-672-0615</u>																																				
	Transporter Information:																																				
TRANSPORTER	Transporter 1 Transporter Company Name: <u>Envirotech, Inc</u>																																				
	Transporter Company Address: <u>5796 US 64, Farmington, NM 87401</u>																																				
	Telephone Number: <u>505-672-0615</u>																																				
	Transporter 2 Transporter Company Name:																																				
	Transporter Company Address:																																				
	Telephone Number:																																				
	Destination Facility Information:																																				
	Facility Name: <u>Contract Environmental Services, Inc.</u>																																				
	Office Address: <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u>																																				
	Facility Location: <u>NE 1/4, S18, T39S, R26E, San Juan County, Utah</u>																																				
Special Handling Instructions or Additional Information:																																					
Generator's Certification: <i>I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.</i>																																					
Printed/Typed Name: <u>Donald Ortiz</u>																																					
Signature: <u>[Signature]</u>																																					
Date: <u>5-12-22</u>																																					
Transporter 1 Acknowledgement of Receipt of Asbestos Waste																																					
Truck Number: <u>626</u>																																					
Printed/Typed Name: <u>Steven J McNeal</u>																																					
Signature: <u>[Signature]</u>																																					
Date: <u>5-12-22</u>																																					
Transporter 2 Acknowledgement of Receipt of Asbestos Waste																																					
Truck Number:																																					
Printed/Typed Name:																																					
Signature:																																					
Date:																																					
Discrepancy Indication:																																					
The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request																																					
Additional Discrepancy:																																					
Facility Owner or Operator: <i>I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.</i>																																					
Printed/Typed Name: <u>Mike S. McNeal</u>																																					
Signature: <u>[Signature]</u>																																					
Date: <u>5-12-22</u>																																					
Acceptable condition: <u>Yes</u> No																																					
Grid Number Deposited in: <u>90</u>																																					
GPS info N <u>90</u>																																					
W <u>90</u>																																					
Time arriving at landfill: <u>12:00</u>																																					
<table border="1"> <tr><td>21</td><td>20</td><td>19</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>27</td><td>26</td><td>25</td><td>9</td><td>8</td><td>7</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>33</td><td>32</td><td>31</td><td>15</td><td>14</td><td>13</td></tr> <tr><td>34</td><td>35</td><td>36</td><td>16</td><td>17</td><td>18</td></tr> </table>		21	20	19	3	2	1	22	23	24	4	5	6	27	26	25	9	8	7	28	29	30	10	11	12	33	32	31	15	14	13	34	35	36	16	17	18
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# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number **15621**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 5/13/22 Delivery Time 17:30  
 Volume or Weight: 20 CY Type and proper name of the waste Asm Container # 724  
 Type of Cont. No Dump

GENERATOR	Generator's Name: <u>Enterprise</u>	
	Generator's Address: <u>Enterprise - Chaco Plant</u>	
	Telephone Number: <u>505-599-2005</u>	
	Waste Origin (Project or Location Name): <u>641 Rill, Ave, Farmington, NM 87401</u>	
	Waste Origin Address: <u>Chaco Plant</u>	
	Billing Information (if different from above):	
	Name:	Job or P.O. No.: <u>04061-0090</u>
	Company: <u>Envirotech Inc</u>	
	Billing Address: <u>5796 US 64, Farmington, NM</u>	
	Telephone Number: <u>505-632-0610</u>	
TRANSPORTER	Transporter Information:	
	Transporter 1 Transporter Company Name: <u>Envirotech Inc</u>	
	Transporter Company Address: <u>5796 US 64 Farmington, NM 87401</u>	
	Telephone Number: <u>505-632-0610</u>	
	Transporter 2 Transporter Company Name:	
	Transporter Company Address:	
	Telephone Number:	
	Destination Facility Information:	
	Facility Name: <u>Contract Environmental Services, Inc.</u>	
	Telephone Number: <u>(970) 565-1198</u>	
Office Address: <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u>		
Permit Number: <u>0405R2</u>		
Facility Location: <u>NE 1/4, S18, T39S, R26E, San Juan County, Utah</u>		
State of Utah Class V Landfill		
Special Handling Instructions or Additional Information:		
Generator's Certification: <i>I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.</i>		
Printed/Typed Name: <u>Theresa Oliver</u>		Signature: <u>[Signature]</u>
Date: <u>5-13-22</u>		
Transporter 1 Acknowledgement of Receipt of Asbestos Waste		
Printed/Typed Name: <u>Peter Panip</u>		Signature: <u>[Signature]</u>
Date: <u>5-13-2022</u>		
Transporter 2 Acknowledgement of Receipt of Asbestos Waste		
Printed/Typed Name:		Signature:
Date:		
Discrepancy Indication:		
The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request		
Additional Discrepancy:		
Facility Owner or Operator: <i>I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.</i>		
Printed/Typed Name: <u>Thomas, Marie</u>		Grid Number Deposited in: <u>70</u>
Signature:		GPS info <u>N</u>
Date: <u>5/13/22</u>		<u>W</u>
Acceptable condition: <u>(Yes)</u> No		
Time arriving at landfill: <u>17:30</u>		

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	9	8	7
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	10

**CONTRACT ENVIRONMENTAL SERVICES, INC.**

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: **15622****Asbestos Landfill Manifest**

Delivery Date (mm/dd/yy): 5/13/22 Delivery Time 17:30  
 Volume or Weight: 20 Type and proper name of the waste: ACRM Container # 729  
 CY name of the waste: \_\_\_\_\_ Type of Cont. END DUMP

**Generator's Name:** Enterprise

**Generator's Address:** 614 Riely Ave Farmington, NM **Telephone Number:** 505-599-2005

**Waste Origin (Project or Location Name):** Chaco Plant

**Waste Origin Address:** \_\_\_\_\_

**Billing Information (if different from above):**

**Name:** \_\_\_\_\_ **Job or P.O. No.:** 09061-0040

**Company:** Envirotech, Inc

**Billing Address:** 5796 US 64 Farmington, NM **Telephone Number:** 505-632-0615

**Transporter Information:**

**Transporter 1** **Transporter Company Name:** Envirotech, Inc

**Transporter Company Address:** 5796 US 64 Farmington, NM **Telephone Number:** 505-632-0615

**Transporter 2** **Transporter Company Name:** \_\_\_\_\_

**Transporter Company Address:** \_\_\_\_\_ **Telephone Number:** \_\_\_\_\_

**Destination Facility Information:**

**Facility Name:** Contract Environmental Services, Inc. **Telephone Number:** (970) 565-1198

**Office Address:** 925 S. Broadway, Suite 251, Cortez, CO 81321 **Permit Number:** 0405R2

**Facility Location:** NE 1/4, S18, T39S, R26E, San Juan County, Utah **State of Utah Class V Landfill**

**Special Handling Instructions or Additional Information:** \_\_\_\_\_

**Generator's Certification:** *I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.*

**Printed/Typed Name:** Koraid Ortiz **Signature:** [Signature] **Date:** 5-13-22

**Transporter 1 Acknowledgement of Receipt of Asbestos Waste** **Truck Number:** 713

**Printed/Typed Name:** DAVID BEACH **Signature:** [Signature] **Date:** 5-13-22

**Transporter 2 Acknowledgement of Receipt of Asbestos Waste** **Truck Number:** \_\_\_\_\_

**Printed/Typed Name:** \_\_\_\_\_ **Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Discrepancy Indication:**  
 The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.

**Additional Discrepancy:** \_\_\_\_\_

**Facility Owner or Operator:** *I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.*

**Printed/Typed Name:** THOMAS, MERIE **Grid Number Deposited in:** 90

**Signature:** [Signature] **GPS info** N W

**Date:** 5/13/22 **Acceptable condition:** ☒ Yes ☐ No

**Time arriving at landfill:** 17:30

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	8	7	
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	18





# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: 15623

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 5/13/72 Delivery Time 12:30  
 Volume or Weight: 70 CY Type and proper name of the waste: Acn Container # 578  
 Type of Cont. Landfill

Generator's Name: Enterprise

Generator's Address: 614 Rely Ave, Farmington, NM Telephone Number: 505-599-2005

Waste Origin (Project or Location Name): Charco Plant

Waste Origin Address:

### Billing Information (if different from above):

Name: Job or P.O. No.: 09/061-0040

Company: Envirotech Inc

Billing Address: 5796 US 64, Farmington, NM Telephone Number: 505-632-0615

### Transporter Information:

Transporter 1 Transporter Company Name: Envirotech Inc

Transporter Company Address: 5796 US 64, Farmington, NM Telephone Number: 505-632-0615

Transporter 2 Transporter Company Name: 09/061-0040

Transporter Company Address:

Telephone Number:

### Destination Facility Information:

Facility Name: Contract Environmental Services, Inc. Telephone Number: (970) 565-1198

Office Address: 925 S. Broadway, Suite 251, Cortez, CO 81321

Permit Number: 0405R2

Facility Location: NE 1/4, S18, T39S, R26E, San Juan County, Utah

State of Utah Class V Landfill

### Special Handling Instructions or Additional Information:

Generator's Certification: I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.

Printed/Typed Name: Donna O'Neil Signature: [Signature] Date: 5/13/72

Transporter 1 Acknowledgement of Receipt of Asbestos Waste Truck Number: 560

Printed/Typed Name: Gilbert Core Signature: [Signature] Date: 5/13/72

Transporter 2 Acknowledgement of Receipt of Asbestos Waste Truck Number:

Printed/Typed Name: Signature: Date:

### Discrepancy Indication:

The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request

Additional Discrepancy:

Facility Owner or Operator: I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.

Printed/Typed Name: Theresa [unclear]

Signature:

Date: 5/13/72

Acceptable condition: Yes No

Grid Number Deposited in: 90

GPS info N  
W

Time arriving at landfill: 12:30

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	9	8	7
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	18



# Appendix D



## *Site Photography*



Practical Solutions for a Better Tomorrow

**Site Photography**  
**Enterprise Field Services, LLC.**  
**Chaco Plant**  
**Produced Water Spill Remediation and Groundwater Investigation Report**  
**Incident # nAPP2202747264**  
**Unit E, Section 16, T26N, R12W**  
**San Juan County, New Mexico**  
**Project #04061-0042**



Picture 1: Excavation (View 1)



Picture 2: Excavation (View 2)

**Site Photography**  
**Enterprise Field Services, LLC.**  
**Chaco Plant**  
**Produced Water Spill Remediation and Groundwater Investigation Report**  
**Incident # nAPP2202747264**  
**Unit E, Section 16, T26N, R12W**  
**San Juan County, New Mexico**  
**Project #04061-0042**

**May 16, 2022**



Picture 3: Hydrogen Peroxide Application (View 1)



Picture 4: Hydrogen Peroxide Application (View 2)



**Site Photography**  
**Enterprise Field Services, LLC.**  
**Chaco Plant**  
**Produced Water Spill Remediation and Groundwater Investigation Report**  
**Incident # nAPP2202747264**  
**Unit E, Section 16, T26N, R12W**  
**San Juan County, New Mexico**  
**Project #04061-0042**



Picture 5: Hydrogen Peroxide Application (View 3)



Picture 6: Hydrogen Peroxide Application (View 4)

**Site Photography**  
**Enterprise Field Services, LLC.**  
**Chaco Plant**  
**Produced Water Spill Remediation and Groundwater Investigation Report**  
**Incident # nAPP2202747264**  
**Unit E, Section 16, T26N, R12W**  
**San Juan County, New Mexico**  
**Project #04061-0042**

**June 27, 2022**



Picture 7: Site Overview



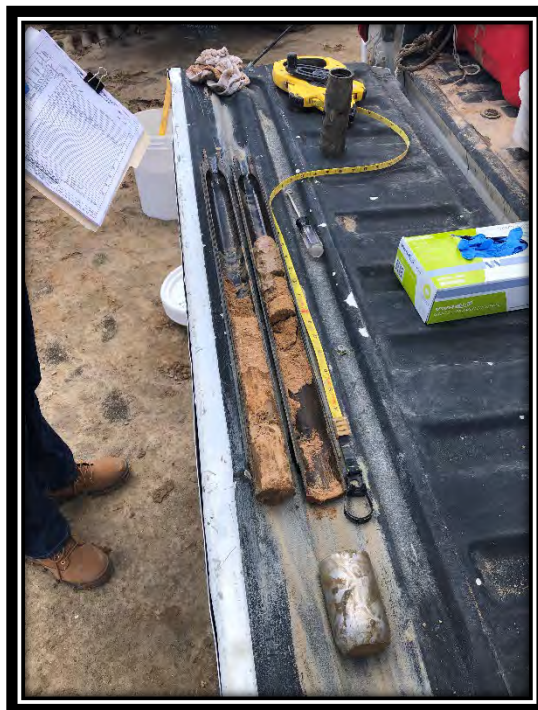
Picture 8: View of Hydroexcavated Soil Boring (SB) Location



**Site Photography**  
**Enterprise Field Services, LLC.**  
**Chaco Plant**  
**Produced Water Spill Remediation and Groundwater Investigation Report**  
**Incident # nAPP2202747264**  
**Unit E, Section 16, T26N, R12W**  
**San Juan County, New Mexico**  
**Project #04061-0042**



Picture 9: SB-1/Monitoring Well (MW)-1 @ 7-7.5'



Picture 10: SB-1/MW-1 @ 10-12'

**Site Photography**  
**Enterprise Field Services, LLC.**  
**Chaco Plant**  
**Produced Water Spill Remediation and Groundwater Investigation Report**  
**Incident # nAPP2202747264**  
**Unit E, Section 16, T26N, R12W**  
**San Juan County, New Mexico**  
**Project #04061-0042**



Picture 11: SB-1/MW-1 @ 15-17'



Picture 12: SB-1/MW-1 @ 35-36'



**Site Photography**  
**Enterprise Field Services, LLC.**  
**Chaco Plant**  
**Produced Water Spill Remediation and Groundwater Investigation Report**  
**Incident # nAPP2202747264**  
**Unit E, Section 16, T26N, R12W**  
**San Juan County, New Mexico**  
**Project #04061-0042**



Picture 13: SB-2/MW-2 @ 25-27'



Picture 14: SB-2/MW-2 @ 30-32'

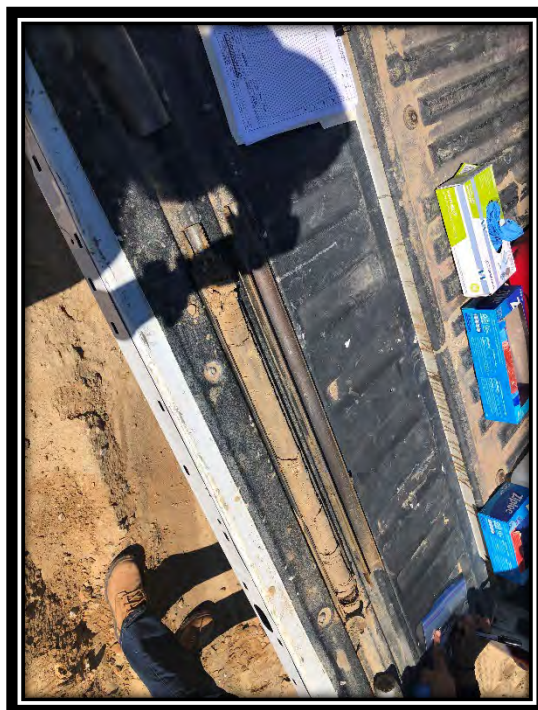


**Site Photography**  
**Enterprise Field Services, LLC.**  
**Chaco Plant**  
**Produced Water Spill Remediation and Groundwater Investigation Report**  
**Incident # nAPP2202747264**  
**Unit E, Section 16, T26N, R12W**  
**San Juan County, New Mexico**  
**Project #04061-0042**



Picture 15: SB-2/MW-2 @ 35-37'

**June 28, 2022**



Picture 16: SB-3/MW-3 @ 26-28'

**Site Photography**  
**Enterprise Field Services, LLC.**  
**Chaco Plant**  
**Produced Water Spill Remediation and Groundwater Investigation Report**  
**Incident # nAPP2202747264**  
**Unit E, Section 16, T26N, R12W**  
**San Juan County, New Mexico**  
**Project #04061-0042**



Picture 17: SB-3/MW-3 @ 30-32'



Picture 18: SB-3/MW-3 @ 35-37'



**Site Photography**  
**Enterprise Field Services, LLC.**  
**Chaco Plant**  
**Produced Water Spill Remediation and Groundwater Investigation Report**  
**Incident # nAPP2202747264**  
**Unit E, Section 16, T26N, R12W**  
**San Juan County, New Mexico**  
**Project #04061-0042**



Picture 19: SB-4/MW-4 @ 25-27'



Picture 20: SB-4/MW-4 @ 53-54'



**Site Photography  
Enterprise Field Services, LLC.  
Chaco Plant  
Produced Water Spill Remediation and Groundwater Investigation Report  
Incident # nAPP2202747264  
Unit E, Section 16, T26N, R12W  
San Juan County, New Mexico  
Project #04061-0042**

**June 29, 2022**



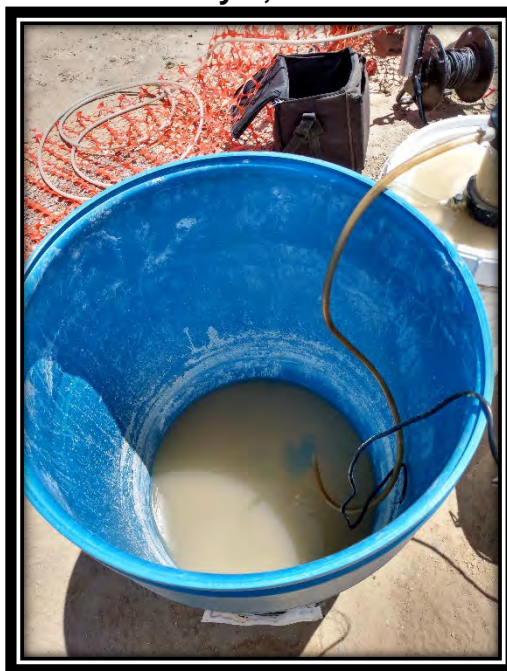
Picture 21: SB-5/MW-5 @ 5-8'



Picture 22: SB-5/MW-5 @ 35-37'

**Site Photography**  
**Enterprise Field Services, LLC.**  
**Chaco Plant**  
**Produced Water Spill Remediation and Groundwater Investigation Report**  
**Incident # nAPP2202747264**  
**Unit E, Section 16, T26N, R12W**  
**San Juan County, New Mexico**  
**Project #04061-0042**

**July 5, 2022**



Picture 23: MW-4 Development

**July 7, 2022**



Picture 18: MW-24 Monitoring and Sampling

# Appendix E



## *Laboratory Analytical Results*



Practical Solutions for a Better Tomorrow



Report to:  
Greg Crabtree



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Enterprise Products

Project Name: Chaco Plant

Work Order: E204090

Job Number: 04061-0040

Received: 4/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/20/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 4/20/22

Greg Crabtree  
614 Reilly Ave  
Farmington, NM 87401



Project Name: Chaco Plant  
Workorder: E204090  
Date Received: 4/18/2022 4:47:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/18/2022 4:47:00PM, under the Project Name: Chaco Plant.

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

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

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

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

Respectfully,

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

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

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

Field Offices:

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**Lynn Jarboe**  
Technical Representative/Client Services  
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Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

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

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Sample Summary

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0040	
Farmington NM, 87401	Project Manager:	Greg Crabtree	04/20/22 15:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-13	E204090-01A	Soil	04/18/22	04/18/22	Glass Jar, 4 oz.



## Sample Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant Project Number: 04061-0040 Project Manager: Greg Crabtree	<b>Reported:</b> 4/20/2022 3:49:35PM
---	---	---

### CS-13

#### E204090-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2217002	
Benzene	27.5	0.500	20	04/19/22	04/19/22	
Ethylbenzene	29.0	0.500	20	04/19/22	04/19/22	
Toluene	308	0.500	20	04/19/22	04/19/22	
o-Xylene	49.0	0.500	20	04/19/22	04/19/22	
p,m-Xylene	192	1.00	20	04/19/22	04/19/22	
Total Xylenes	241	0.500	20	04/19/22	04/19/22	
Surrogate: 4-Bromochlorobenzene-PID	99.8 %	70-130		04/19/22	04/19/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2217002	
Gasoline Range Organics (C6-C10)	1610	400	20	04/19/22	04/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.6 %	70-130		04/19/22	04/19/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: AK		Batch: 2217007	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/22	04/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/22	04/19/22	
Surrogate: n-Nonane	92.0 %	50-200		04/19/22	04/19/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: CS		Batch: 2217004	
Chloride	ND	20.0	1	04/19/22	04/19/22	



## QC Summary Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant Project Number: 04061-0040 Project Manager: Greg Crabtree	Reported: 4/20/2022 3:49:35PM
---	---	----------------------------------

## Volatile Organics by EPA 8021B

Analyst: IY

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

## Blank (2217002-BLK1)

Prepared: 04/19/22 Analyzed: 04/20/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.4	70-130			

## LCS (2217002-BS1)

Prepared: 04/19/22 Analyzed: 04/19/22

Benzene	4.74	0.0250	5.00		94.9	70-130			
Ethylbenzene	4.56	0.0250	5.00		91.2	70-130			
Toluene	4.75	0.0250	5.00		95.0	70-130			
o-Xylene	4.77	0.0250	5.00		95.4	70-130			
p,m-Xylene	9.40	0.0500	10.0		94.0	70-130			
Total Xylenes	14.2	0.0250	15.0		94.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.41		8.00		105	70-130			

## LCS Dup (2217002-BSD1)

Prepared: 04/19/22 Analyzed: 04/19/22

Benzene	4.93	0.0250	5.00		98.5	70-130	3.76	20	
Ethylbenzene	4.71	0.0250	5.00		94.2	70-130	3.18	20	
Toluene	4.92	0.0250	5.00		98.5	70-130	3.54	20	
o-Xylene	4.92	0.0250	5.00		98.4	70-130	3.13	20	
p,m-Xylene	9.70	0.0500	10.0		97.0	70-130	3.12	20	
Total Xylenes	14.6	0.0250	15.0		97.5	70-130	3.12	20	
Surrogate: 4-Bromochlorobenzene-PID	8.11		8.00		101	70-130			





QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0040	
Farmington NM, 87401	Project Manager:	Greg Crabtree	4/20/2022 3:49:35PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

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

Blank (2217002-BLK1) Prepared: 04/19/22 Analyzed: 04/20/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.2	70-130			

LCS (2217002-BS2) Prepared: 04/19/22 Analyzed: 04/20/22

Gasoline Range Organics (C6-C10)	47.3	20.0	50.0		94.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			

LCS Dup (2217002-BSD2) Prepared: 04/19/22 Analyzed: 04/20/22

Gasoline Range Organics (C6-C10)	52.0	20.0	50.0		104	70-130	9.36	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.12		8.00		89.0	70-130			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0040	
Farmington NM, 87401	Project Manager:	Greg Crabtree	4/20/2022 3:49:35PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

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

Blank (2217007-BLK1)					Prepared: 04/19/22 Analyzed: 04/19/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.9		50.0		87.8	50-200			

LCS (2217007-BS1)					Prepared: 04/19/22 Analyzed: 04/19/22				
Diesel Range Organics (C10-C28)	491	25.0	500		98.2	38-132			
Surrogate: n-Nonane	46.9		50.0		93.9	50-200			

Matrix Spike (2217007-MS1)					Source: E204089-02		Prepared: 04/19/22 Analyzed: 04/19/22		
Diesel Range Organics (C10-C28)	479	25.0	500	ND	95.8	38-132			
Surrogate: n-Nonane	44.7		50.0		89.5	50-200			

Matrix Spike Dup (2217007-MSD1)					Source: E204089-02		Prepared: 04/19/22 Analyzed: 04/19/22		
Diesel Range Organics (C10-C28)	487	25.0	500	ND	97.4	38-132	1.69	20	
Surrogate: n-Nonane	47.2		50.0		94.4	50-200			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0040	
Farmington NM, 87401	Project Manager:	Greg Crabtree	4/20/2022 3:49:35PM

Anions by EPA 300.0/9056A

Analyst: CS

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

Blank (2217004-BLK1)					Prepared: 04/19/22 Analyzed: 04/19/22				
Chloride	ND	20.0							
LCS (2217004-BS1)					Prepared: 04/19/22 Analyzed: 04/19/22				
Chloride	247	20.0	250		98.8	90-110			
Matrix Spike (2217004-MS1)					Source: E204083-01		Prepared: 04/19/22 Analyzed: 04/19/22		
Chloride	298	20.0	250	48.8	99.8	80-120			
Matrix Spike Dup (2217004-MSD1)					Source: E204083-01		Prepared: 04/19/22 Analyzed: 04/19/22		
Chloride	300	20.0	250	48.8	101	80-120	0.755	20	

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





Definitions and Notes

Enterprise Products	Project Name:	Chaco Plant	
614 Reilly Ave	Project Number:	04061-0040	Reported:
Farmington NM, 87401	Project Manager:	Greg Crabtree	04/20/22 15:49

- 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.

[illegible]

## Envirotech Analytical Laboratory

Printed: 4/18/2022 6:00:31PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Enterprise Products	Date Received:	04/18/22 16:47	Work Order ID:	E204090
Phone:	(505)599-2104	Date Logged In:	04/18/22 17:58	Logged In By:	Alexa Michaels
Email:		Due Date:	04/19/22 17:00 (1 day TAT)		

**Chain of Custody (COC)**

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: Gilbert Benally**Comments/Resolution****Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

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

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

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

Date



envirotech Inc.

Report to:  
Greg Crabtree



5796 U.S. Hwy 64  
Farmington, NM 87401

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



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Enterprise Products

Project Name: Chaco Plant

Work Order: E204116

Job Number: 04061-0040

Received: 4/21/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/26/22

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.  
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)



Date Reported: 4/26/22

Greg Crabtree  
614 Reilly Ave  
Farmington, NM 87401



Project Name: Chaco Plant  
Workorder: E204116  
Date Received: 4/21/2022 6:46:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/21/2022 6:46:00PM, under the Project Name: Chaco Plant.

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

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

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

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

Respectfully,

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

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

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**Lynn Jarboe**  
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[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

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

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## Sample Summary

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant Project Number: 04061-0040 Project Manager: Greg Crabtree	Reported: 04/26/22 13:32
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-30	E204116-01A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-01B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-31	E204116-02A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-02B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-32	E204116-03A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-03B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-33	E204116-04A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-04B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-34	E204116-05A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-05B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-35	E204116-06A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-06B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-36	E204116-07A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-07B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-37	E204116-08A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-38	E204116-09A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-09B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-39	E204116-10A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-10B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-40	E204116-11A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-11B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-41	E204116-12A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-12B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.



## Sample Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant Project Number: 04061-0040 Project Manager: Greg Crabtree	<b>Reported:</b> 4/26/2022 1:32:57PM
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### CS-30

#### E204116-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	<b>0.0268</b>	0.0250	1	04/22/22	04/25/22	
o-Xylene	ND	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	ND	0.0500	1	04/22/22	04/25/22	
Total Xylenes	ND	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.9 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.6 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2217043	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/22/22	
<i>Surrogate: n-Nonane</i>	129 %	50-200		04/22/22	04/22/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2217039	
Chloride	ND	20.0	1	04/22/22	04/22/22	





## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

## CS-31

## E204116-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	<b>0.125</b>	0.0250	1	04/22/22	04/25/22	
o-Xylene	<b>0.121</b>	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	<b>0.283</b>	0.0500	1	04/22/22	04/25/22	
Total Xylenes	<b>0.404</b>	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.7 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.3 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2217043	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/22/22	
<i>Surrogate: n-Nonane</i>						
	111 %	50-200		04/22/22	04/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2217039	
Chloride	ND	20.0	1	04/22/22	04/22/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

CS-32

E204116-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217050
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	ND	0.0250	1	04/22/22	04/25/22	
o-Xylene	ND	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	ND	0.0500	1	04/22/22	04/25/22	
Total Xylenes	ND	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217050
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2217043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/22/22	
<i>Surrogate: n-Nonane</i>						
	127 %	50-200		04/22/22	04/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2217039
Chloride	31.0	20.0	1	04/22/22	04/22/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

CS-33

E204116-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217050
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	ND	0.0250	1	04/22/22	04/25/22	
o-Xylene	ND	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	ND	0.0500	1	04/22/22	04/25/22	
Total Xylenes	ND	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217050
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.5 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2217043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/22/22	
<i>Surrogate: n-Nonane</i>						
	130 %	50-200		04/22/22	04/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2217039
Chloride	ND	20.0	1	04/22/22	04/22/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

## CS-34

## E204116-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	ND	0.0250	1	04/22/22	04/25/22	
o-Xylene	ND	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	ND	0.0500	1	04/22/22	04/25/22	
Total Xylenes	ND	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.2 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2217043	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/22/22	
<i>Surrogate: n-Nonane</i>						
	135 %	50-200		04/22/22	04/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2217039	
Chloride	ND	20.0	1	04/22/22	04/22/22	





## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

CS-35

E204116-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	ND	0.0250	1	04/22/22	04/25/22	
o-Xylene	ND	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	ND	0.0500	1	04/22/22	04/25/22	
Total Xylenes	ND	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.7 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2217043	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/22/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		04/22/22	04/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2217039	
Chloride	ND	20.0	1	04/22/22	04/22/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

## CS-36

## E204116-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	ND	0.0250	1	04/22/22	04/25/22	
o-Xylene	ND	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	ND	0.0500	1	04/22/22	04/25/22	
Total Xylenes	ND	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	98.9 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.8 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2217043	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/22/22	
<i>Surrogate: n-Nonane</i>	102 %	50-200		04/22/22	04/22/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2217039	
Chloride	29.3	20.0	1	04/22/22	04/22/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

CS-37

E204116-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Benzene	0.300	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	1.01	0.0250	1	04/22/22	04/25/22	
Toluene	6.27	0.0250	1	04/22/22	04/25/22	
o-Xylene	2.27	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	6.82	0.0500	1	04/22/22	04/25/22	
Total Xylenes	9.09	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Gasoline Range Organics (C6-C10)	48.3	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.7 %	70-130	04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2217043	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/23/22	
<i>Surrogate: n-Nonane</i>						
		114 %	50-200	04/22/22	04/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2217039	
Chloride	20.2	20.0	1	04/22/22	04/22/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

CS-38

E204116-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2217050
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	<b>0.0341</b>	0.0250	1	04/22/22	04/25/22	
o-Xylene	ND	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	ND	0.0500	1	04/22/22	04/25/22	
Total Xylenes	ND	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.1 %	70-130	04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2217050
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.0 %	70-130	04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL		Batch: 2217043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/23/22	
<i>Surrogate: n-Nonane</i>		114 %	50-200	04/22/22	04/23/22	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: RAS		Batch: 2217039
Chloride	ND	20.0	1	04/22/22	04/22/22	





## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

## CS-39

## E204116-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	<b>0.122</b>	0.0250	1	04/22/22	04/25/22	
o-Xylene	<b>0.0374</b>	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	<b>0.114</b>	0.0500	1	04/22/22	04/25/22	
Total Xylenes	<b>0.151</b>	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.1 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2217043	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/23/22	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		04/22/22	04/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2217039	
Chloride	ND	20.0	1	04/22/22	04/23/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

## CS-40

## E204116-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217050
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	ND	0.0250	1	04/22/22	04/25/22	
o-Xylene	ND	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	ND	0.0500	1	04/22/22	04/25/22	
Total Xylenes	ND	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.5 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217050
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2217043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/23/22	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		04/22/22	04/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2217039
Chloride	ND	20.0	1	04/22/22	04/23/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

## CS-41

## E204116-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2217050
Benzene	0.187	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	0.460	0.0250	1	04/22/22	04/25/22	
o-Xylene	0.0612	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	0.197	0.0500	1	04/22/22	04/25/22	
Total Xylenes	0.258	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.6 %	70-130	04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2217050
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.9 %	70-130	04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL		Batch: 2217043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/23/22	
Oil Range Organics (C28-C36)	53.9	50.0	1	04/22/22	04/23/22	
<i>Surrogate: n-Nonane</i>		139 %	50-200	04/22/22	04/23/22	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: RAS		Batch: 2217039
Chloride	ND	20.0	1	04/22/22	04/23/22	



## QC Summary Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant Project Number: 04061-0040 Project Manager: Greg Crabtree	Reported: 4/26/2022 1:32:57PM
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## Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2217050-BLK1)

Prepared: 04/22/22 Analyzed: 04/25/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			

## LCS (2217050-BS1)

Prepared: 04/22/22 Analyzed: 04/25/22

Benzene	5.30	0.0250	5.00		106	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.6	70-130			
Toluene	5.07	0.0250	5.00		101	70-130			
o-Xylene	5.00	0.0250	5.00		100	70-130			
p,m-Xylene	9.84	0.0500	10.0		98.4	70-130			
Total Xylenes	14.8	0.0250	15.0		99.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.11		8.00		101	70-130			

## LCS Dup (2217050-BSD1)

Prepared: 04/22/22 Analyzed: 04/25/22

Benzene	5.69	0.0250	5.00		114	70-130	7.09	20	
Ethylbenzene	5.11	0.0250	5.00		102	70-130	6.80	20	
Toluene	5.44	0.0250	5.00		109	70-130	7.02	20	
o-Xylene	5.37	0.0250	5.00		107	70-130	7.09	20	
p,m-Xylene	10.5	0.0500	10.0		105	70-130	6.74	20	
Total Xylenes	15.9	0.0250	15.0		106	70-130	6.86	20	
Surrogate: 4-Bromochlorobenzene-PID	8.13		8.00		102	70-130			





QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0040	
Farmington NM, 87401	Project Manager:	Greg Crabtree	4/26/2022 1:32:57PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2217050-BLK1) Prepared: 04/22/22 Analyzed: 04/25/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130			

LCS (2217050-BS2) Prepared: 04/22/22 Analyzed: 04/25/22

Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.2	70-130			

LCS Dup (2217050-BSD2) Prepared: 04/22/22 Analyzed: 04/25/22

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130	4.37	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0040	
Farmington NM, 87401	Project Manager:	Greg Crabtree	4/26/2022 1:32:57PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2217043-BLK1) Prepared: 04/22/22 Analyzed: 04/22/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	64.0		50.0		128	50-200			

LCS (2217043-BS1) Prepared: 04/22/22 Analyzed: 04/22/22

Diesel Range Organics (C10-C28)	542	25.0	500		108	38-132			
Surrogate: n-Nonane	59.1		50.0		118	50-200			

Matrix Spike (2217043-MS1) Source: E204107-01 Prepared: 04/22/22 Analyzed: 04/22/22

Diesel Range Organics (C10-C28)	547	25.0	500	ND	109	38-132			
Surrogate: n-Nonane	60.2		50.0		120	50-200			

Matrix Spike Dup (2217043-MSD1) Source: E204107-01 Prepared: 04/22/22 Analyzed: 04/22/22

Diesel Range Organics (C10-C28)	549	25.0	500	ND	110	38-132	0.538	20	
Surrogate: n-Nonane	59.0		50.0		118	50-200			



## QC Summary Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant Project Number: 04061-0040 Project Manager: Greg Crabtree	<b>Reported:</b> 4/26/2022 1:32:57PM
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## Anions by EPA 300.0/9056A

Analyst: RAS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2217039-BLK1)

Prepared: 04/22/22 Analyzed: 04/22/22

Chloride ND 20.0

## LCS (2217039-BS1)

Prepared: 04/22/22 Analyzed: 04/22/22

Chloride 254 20.0 250 102 90-110

## Matrix Spike (2217039-MS1)

Source: E204116-01

Prepared: 04/22/22 Analyzed: 04/22/22

Chloride 259 20.0 250 ND 104 80-120

## Matrix Spike Dup (2217039-MSD1)

Source: E204116-01

Prepared: 04/22/22 Analyzed: 04/22/22

Chloride 297 20.0 250 ND 119 80-120 13.6 20

## QC Summary Report Comment:

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



Definitions and Notes

Enterprise Products	Project Name:	Chaco Plant	
614 Reilly Ave	Project Number:	04061-0040	Reported:
Farmington NM, 87401	Project Manager:	Greg Crabtree	04/26/22 13:32

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



## Project Information

## Chain of Custody

Page 1 of 2

Client: <u>Enterprise Products</u>				Bill To				Lab Use Only				TAT				EPA Program									
Project: <u>Chaco Plant</u>								Lab WO# <u>E204116</u>				Job Number <u>04061-0040</u>				1D <input checked="" type="checkbox"/> 2D <input type="checkbox"/> 3D <input type="checkbox"/>		Standard		CWA	SDWA				
Project Manager: <u>Greg Crabtree</u>				Attention:				Analysis and Method								RCRA		State							
Address:				Address:																					
City, State, Zip				City, State, Zip				DRO/ORO by 8015								NM		CO		UT		AZ		TX	
Phone:				Phone:																					
Email:				Email:				Metals 6010								Chloride 300.0		DDGC		Remarks					
Report due by:				Report due by:																					
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																				
13:44	4-21-22	S	2	CS-30	1																				
13:57				CS-31	2																				
14:04				CS-32	3																				
14:08				CS-33	4																				
14:11				CS-34	5																				
14:15				CS-35	6																				
14:18				CS-36	7																				
14:22				CS-37	8																				
14:37				CS-38	9																				
14:38				CS-39	10																				
Additional Instructions: <u>Vis ICE in Cooler</u>																									
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																									
Sampled by: <u>Gilbert Benally</u>																									
Relinquished by: (Signature) <u>[Signature]</u>				Date <u>4-21-22</u>		Time <u>18:46</u>		Received by: (Signature) <u>[Signature]</u>				Date <u>4-21-22</u>		Time <u>18:46</u>		Lab Use Only									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		Received on ice: <u>Y</u> / N									
Relinquished by: (Signature)				Date		Time		Received by: (Signature)				Date		Time		T1 _____ T2 _____ T3 _____									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other														Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA				AVG Temp °C <u>4</u>							
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																									


**envirotech**





## Envirotech Analytical Laboratory

Printed: 4/22/2022 10:00:46AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Enterprise Products	Date Received:	04/21/22 18:46	Work Order ID:	E204116
Phone:	(505)599-2104	Date Logged In:	04/22/22 08:09	Logged In By:	Caitlin Christian
Email:		Due Date:	04/25/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: Gilbert BenallyComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Greg Crabtree



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Enterprise Products

Project Name: Chaco Plant

Work Order: E204204

Job Number: 04061-0060

Received: 4/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/3/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 5/3/22

Greg Crabtree  
614 Reilly Ave  
Farmington, NM 87401



Project Name: Chaco Plant  
Workorder: E204204  
Date Received: 4/28/2022 4:40:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/28/2022 4:40:00PM, under the Project Name: Chaco Plant.

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

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

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

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

Respectfully,

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Sample Summary

Enterprise Products	Project Name:	Chaco Plant	Reported:  05/03/22 16:19
614 Reilly Ave	Project Number:	04061-0060	
Farmington NM, 87401	Project Manager:	Greg Crabtree	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS - 42	E204204-01A	Soil	04/28/22	04/28/22	Glass Jar, 4 oz.
CS - 43	E204204-02A	Soil	04/28/22	04/28/22	Glass Jar, 4 oz.
CS - 44	E204204-03A	Soil	04/28/22	04/28/22	Glass Jar, 4 oz.
CS - 45	E204204-04A	Soil	04/28/22	04/28/22	Glass Jar, 4 oz.
CS - 46	E204204-05A	Soil	04/28/22	04/28/22	Glass Jar, 4 oz.



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0060  
Project Manager: Greg Crabtree

**Reported:**  
5/3/2022 4:19:07PM

## CS - 42

## E204204-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Benzene	0.259	0.0250	1	04/29/22	05/02/22	
Ethylbenzene	0.200	0.0250	1	04/29/22	05/02/22	
Toluene	1.91	0.0250	1	04/29/22	05/02/22	
o-Xylene	0.462	0.0250	1	04/29/22	05/02/22	
p,m-Xylene	1.48	0.0500	1	04/29/22	05/02/22	
Total Xylenes	1.94	0.0250	1	04/29/22	05/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.1 %	70-130		04/29/22	05/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.3 %	70-130		04/29/22	05/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2218050	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	110 %	50-200		04/29/22	05/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: CS		Batch: 2218049	
Chloride	ND	20.0	1	04/29/22	04/29/22	





## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0060  
Project Manager: Greg Crabtree

**Reported:**  
5/3/2022 4:19:07PM

CS - 43

E204204-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Benzene	0.0283	0.0250	1	04/29/22	05/02/22	
Ethylbenzene	0.0541	0.0250	1	04/29/22	05/02/22	
Toluene	0.404	0.0250	1	04/29/22	05/02/22	
o-Xylene	0.155	0.0250	1	04/29/22	05/02/22	
p,m-Xylene	0.494	0.0500	1	04/29/22	05/02/22	
Total Xylenes	0.649	0.0250	1	04/29/22	05/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		04/29/22	05/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		04/29/22	05/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2218050	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		04/29/22	05/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: CS		Batch: 2218049	
Chloride	ND	20.0	1	04/29/22	04/29/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0060  
Project Manager: Greg Crabtree

**Reported:**  
5/3/2022 4:19:07PM

CS - 44

E204204-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Benzene	0.0305	0.0250	1	04/29/22	05/03/22	
Ethylbenzene	0.0581	0.0250	1	04/29/22	05/03/22	
Toluene	0.437	0.0250	1	04/29/22	05/03/22	
o-Xylene	0.162	0.0250	1	04/29/22	05/03/22	
p,m-Xylene	0.521	0.0500	1	04/29/22	05/03/22	
Total Xylenes	0.683	0.0250	1	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		04/29/22	05/03/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.8 %	70-130		04/29/22	05/03/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2218050	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		04/29/22	05/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: CS		Batch: 2218049	
Chloride	ND	20.0	1	04/29/22	04/29/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0060  
Project Manager: Greg Crabtree

**Reported:**  
5/3/2022 4:19:07PM

CS - 45

E204204-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Benzene	17.7	0.500	20	04/29/22	05/03/22	
Ethylbenzene	21.5	0.500	20	04/29/22	05/03/22	
Toluene	198	0.500	20	04/29/22	05/03/22	
o-Xylene	36.9	0.500	20	04/29/22	05/03/22	
p,m-Xylene	149	1.00	20	04/29/22	05/03/22	
Total Xylenes	186	0.500	20	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		04/29/22	05/03/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Gasoline Range Organics (C6-C10)	912	400	20	04/29/22	05/03/22	T16
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		04/29/22	05/03/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2218050	
Diesel Range Organics (C10-C28)	35.1	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	337 %	50-200		04/29/22	05/01/22	S5
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: CS		Batch: 2218049	
Chloride	ND	20.0	1	04/29/22	04/29/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0060  
Project Manager: Greg Crabtree

**Reported:**  
5/3/2022 4:19:07PM

CS - 46

E204204-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Benzene	691	6.25	300	04/29/22	05/03/22	
Ethylbenzene	177	6.25	300	04/29/22	05/03/22	
Toluene	3390	6.25	300	04/29/22	05/03/22	
o-Xylene	257	6.25	300	04/29/22	05/03/22	
p,m-Xylene	1130	12.5	300	04/29/22	05/03/22	
Total Xylenes	1390	6.25	300	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		04/29/22	05/03/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Gasoline Range Organics (C6-C10)	13000	5000	300	04/29/22	05/03/22	T16
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		04/29/22	05/03/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2218050	
Diesel Range Organics (C10-C28)	124	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	1880 %	50-200		04/29/22	05/01/22	S5
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: CS		Batch: 2218049	
Chloride	ND	20.0	1	04/29/22	04/29/22	





## QC Summary Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant Project Number: 04061-0060 Project Manager: Greg Crabtree	Reported:  5/3/2022 4:19:07PM
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## Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2218048-BLK1)

Prepared: 04/29/22 Analyzed: 04/29/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.43		8.00		105	70-130			

## LCS (2218048-BS1)

Prepared: 04/29/22 Analyzed: 04/29/22

Benzene	5.10	0.0250	5.00		102	70-130			
Ethylbenzene	4.61	0.0250	5.00		92.1	70-130			
Toluene	4.88	0.0250	5.00		97.7	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.51	0.0500	10.0		95.1	70-130			
Total Xylenes	14.3	0.0250	15.0		95.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			

## Matrix Spike (2218048-MS1)

Source: E204202-01

Prepared: 04/29/22 Analyzed: 04/29/22

Benzene	5.00	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.52	0.0250	5.00	ND	90.4	61-133			
Toluene	4.80	0.0250	5.00	ND	95.9	61-130			
o-Xylene	4.71	0.0250	5.00	ND	94.2	63-131			
p,m-Xylene	9.32	0.0500	10.0	ND	93.2	63-131			
Total Xylenes	14.0	0.0250	15.0	ND	93.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			

## Matrix Spike Dup (2218048-MSD1)

Source: E204202-01

Prepared: 04/29/22 Analyzed: 04/29/22

Benzene	5.28	0.0250	5.00	ND	106	54-133	5.36	20	
Ethylbenzene	4.73	0.0250	5.00	ND	94.6	61-133	4.54	20	
Toluene	5.04	0.0250	5.00	ND	101	61-130	4.98	20	
o-Xylene	4.93	0.0250	5.00	ND	98.7	63-131	4.68	20	
p,m-Xylene	9.73	0.0500	10.0	ND	97.3	63-131	4.24	20	
Total Xylenes	14.7	0.0250	15.0	ND	97.7	63-131	4.39	20	
Surrogate: 4-Bromochlorobenzene-PID	7.95		8.00		99.4	70-130			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0060	
Farmington NM, 87401	Project Manager:	Greg Crabtree	5/3/2022 4:19:07PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2218048-BLK1) Prepared: 04/29/22 Analyzed: 04/29/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			

LCS (2218048-BS2) Prepared: 04/29/22 Analyzed: 04/29/22

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0		98.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		89.9	70-130			

Matrix Spike (2218048-MS2) Source: E204202-01 Prepared: 04/29/22 Analyzed: 04/29/22

Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130			

Matrix Spike Dup (2218048-MSD2) Source: E204202-01 Prepared: 04/29/22 Analyzed: 04/29/22

Gasoline Range Organics (C6-C10)	49.6	20.0	50.0	ND	99.2	70-130	8.42	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0060	
Farmington NM, 87401	Project Manager:	Greg Crabtree	5/3/2022 4:19:07PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2218050-BLK1)					Prepared: 04/29/22 Analyzed: 04/30/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.6		50.0		99.3	50-200			

LCS (2218050-BS1)					Prepared: 04/29/22 Analyzed: 04/30/22				
Diesel Range Organics (C10-C28)	507	25.0	500		101	38-132			
Surrogate: n-Nonane	47.1		50.0		94.2	50-200			

Matrix Spike (2218050-MS1)					Source: E204142-01		Prepared: 04/29/22 Analyzed: 04/30/22		
Diesel Range Organics (C10-C28)	524	25.0	500	ND	105	38-132			
Surrogate: n-Nonane	51.5		50.0		103	50-200			

Matrix Spike Dup (2218050-MSD1)					Source: E204142-01		Prepared: 04/29/22 Analyzed: 05/01/22		
Diesel Range Organics (C10-C28)	525	25.0	500	ND	105	38-132	0.212	20	
Surrogate: n-Nonane	47.8		50.0		95.6	50-200			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0060	
Farmington NM, 87401	Project Manager:	Greg Crabtree	5/3/2022 4:19:07PM

Anions by EPA 300.0/9056A

Analyst: CS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2218049-BLK1)				Prepared: 04/29/22 Analyzed: 04/29/22					
Chloride	ND	20.0							
LCS (2218049-BS1)				Prepared: 04/29/22 Analyzed: 05/02/22					
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2218049-MS1)				Source: E204202-01		Prepared: 04/29/22 Analyzed: 04/29/22			
Chloride	445	20.0	250	174	108	80-120			
Matrix Spike Dup (2218049-MSD1)				Source: E204202-01		Prepared: 04/29/22 Analyzed: 04/29/22			
Chloride	411	20.0	250	174	95.0	80-120	7.82	20	

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





Definitions and Notes

Enterprise Products	Project Name:	Chaco Plant	
614 Reilly Ave	Project Number:	04061-0060	Reported:
Farmington NM, 87401	Project Manager:	Greg Crabtree	05/03/22 16:19

- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- T16 The results for this petroleum hydrocarbon analysis is elevated due to the presence of a single analyte peak in the quantitation range.
- 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.

[illegible]

## Envirotech Analytical Laboratory

Printed: 4/28/2022 5:04:26PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Enterprise Products	Date Received:	04/28/22 16:40	Work Order ID:	E204204
Phone:	(505)599-2104	Date Logged In:	04/28/22 16:59	Logged In By:	Caitlin Christian
Email:		Due Date:	05/03/22 17:00 (3 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: Gilbert BenallyComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Greg Crabtree



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Enterprise Products

Project Name: Chaco Plant GW Investigation

Work Order: E206204

Job Number: 04061-0042

Received: 6/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/7/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 7/7/22

Greg Crabtree  
614 Reilly Ave  
Farmington, NM 87401



Project Name: Chaco Plant GW Investigation  
Workorder: E206204  
Date Received: 6/28/2022 10:00:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/28/2022 10:00:00AM, under the Project Name: Chaco Plant GW Investigation.

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

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

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

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

Respectfully,

**Walter Hinchman**  
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Cell: 775-287-1762  
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**Rayny Hagan**  
Technical Representative  
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Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant GW Investigation Project Number: 04061-0042 Project Manager: Greg Crabtree	Reported: 07/07/22 15:10
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
MW-1/SB1 @ 24	E206204-01A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
	E206204-01B	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
MW-1/SB1 @ 26	E206204-02A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
	E206204-02B	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
MM-1/SB1 @ 35	E206204-03A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
	E206204-03B	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
MW-2/SB2 @ 25	E206204-04A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
	E206204-04B	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
MW-2/SB2 @ 30	E206204-05A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
	E206204-05B	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
MW-2/SB2 @ 35	E206204-06A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
	E206204-06B	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.



## Sample Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant GW Investigation Project Number: 04061-0042 Project Manager: Greg Crabtree	<b>Reported:</b> 7/7/2022 3:10:25PM
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### MW-1/SB1 @ 24

#### E206204-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	90.9 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.2 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2228002	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/05/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/05/22	07/05/22	
<i>Surrogate: n-Nonane</i>	107 %	50-200		07/05/22	07/05/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: KL		Batch: 2228005	
Chloride	ND	20.0	1	07/05/22	07/06/22	





## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/7/2022 3:10:25PM

MW-1/SB1 @ 26

E206204-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.0 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2228002	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/05/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/05/22	07/05/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		07/05/22	07/05/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: KL		Batch: 2228005	
Chloride	ND	20.0	1	07/05/22	07/06/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/7/2022 3:10:25PM

MM-1/SB1 @ 35

E206204-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.5 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.2 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2228002	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/05/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/05/22	07/05/22	
<i>Surrogate: n-Nonane</i>						
	117 %	50-200		07/05/22	07/05/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: KL		Batch: 2228005	
Chloride	ND	40.0	2	07/05/22	07/06/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/7/2022 3:10:25PM

## MW-2/SB2 @ 25

## E206204-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2228002	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/05/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/05/22	07/05/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		07/05/22	07/05/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: KL		Batch: 2228005	
Chloride	ND	20.0	1	07/05/22	07/06/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/7/2022 3:10:25PM

## MW-2/SB2 @ 30

## E206204-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228010
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.0 %	70-130	07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228010
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.2 %	70-130	07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228002
Diesel Range Organics (C10-C28)	ND	25.0	1	07/05/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/05/22	07/05/22	
<i>Surrogate: n-Nonane</i>						
		116 %	50-200	07/05/22	07/05/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228005
Chloride	33.9	20.0	1	07/05/22	07/06/22	





## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/7/2022 3:10:25PM

MW-2/SB2 @ 35

E206204-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Benzene	0.0270	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	0.0701	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2228002	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/05/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/05/22	07/05/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		07/05/22	07/05/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: KL		Batch: 2228005	
Chloride	ND	20.0	1	07/05/22	07/06/22	



## QC Summary Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant GW Investigation Project Number: 04061-0042 Project Manager: Greg Crabtree	Reported: 7/7/2022 3:10:25PM
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## Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2228010-BLK1)

Prepared: 07/05/22 Analyzed: 07/07/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			

## LCS (2228010-BS1)

Prepared: 07/05/22 Analyzed: 07/07/22

Benzene	5.09	0.0250	5.00		102	70-130			
Ethylbenzene	4.51	0.0250	5.00		90.3	70-130			
Toluene	4.82	0.0250	5.00		96.4	70-130			
o-Xylene	4.67	0.0250	5.00		93.4	70-130			
p,m-Xylene	9.30	0.0500	10.0		93.0	70-130			
Total Xylenes	14.0	0.0250	15.0		93.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			

## LCS Dup (2228010-BSD1)

Prepared: 07/05/22 Analyzed: 07/07/22

Benzene	5.14	0.0250	5.00		103	70-130	0.995	20	
Ethylbenzene	4.56	0.0250	5.00		91.2	70-130	1.04	20	
Toluene	4.87	0.0250	5.00		97.4	70-130	1.11	20	
o-Xylene	4.73	0.0250	5.00		94.5	70-130	1.18	20	
p,m-Xylene	9.40	0.0500	10.0		94.0	70-130	1.04	20	
Total Xylenes	14.1	0.0250	15.0		94.2	70-130	1.08	20	
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.3	70-130			



## QC Summary Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant GW Investigation Project Number: 04061-0042 Project Manager: Greg Crabtree	Reported: 7/7/2022 3:10:25PM
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## Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2228010-BLK1)

Prepared: 07/05/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.1	70-130			

## LCS (2228010-BS2)

Prepared: 07/05/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	45.1	20.0	50.0		90.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.8	70-130			

## LCS Dup (2228010-BSD2)

Prepared: 07/05/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.2	70-130	6.39	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/7/2022 3:10:25PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2228002-BLK1)					Prepared: 07/05/22 Analyzed: 07/05/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.9		50.0		114	50-200			

LCS (2228002-BS1)					Prepared: 07/05/22 Analyzed: 07/05/22				
Diesel Range Organics (C10-C28)	508	25.0	500		102	38-132			
Surrogate: n-Nonane	56.0		50.0		112	50-200			

Matrix Spike (2228002-MS1)					Source: E206231-01		Prepared: 07/05/22 Analyzed: 07/05/22		
Diesel Range Organics (C10-C28)	614	50.0	500	ND	123	38-132			
Surrogate: n-Nonane	72.1		50.0		144	50-200			

Matrix Spike Dup (2228002-MSD1)					Source: E206231-01		Prepared: 07/05/22 Analyzed: 07/05/22		
Diesel Range Organics (C10-C28)	620	50.0	500	ND	124	38-132	0.950	20	
Surrogate: n-Nonane	71.2		50.0		142	50-200			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/7/2022 3:10:25PM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2228005-BLK1)					Prepared: 07/05/22 Analyzed: 07/06/22				
Chloride	ND	20.0							
LCS (2228005-BS1)					Prepared: 07/05/22 Analyzed: 07/06/22				
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2228005-MS1)					Source: E206232-01		Prepared: 07/05/22 Analyzed: 07/06/22		
Chloride	251	20.0	250	ND	100	80-120			
Matrix Spike Dup (2228005-MSD1)					Source: E206232-01		Prepared: 07/05/22 Analyzed: 07/06/22		
Chloride	250	20.0	250	ND	99.9	80-120	0.542	20	

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





Definitions and Notes

Enterprise Products	Project Name:	Chaco Plant GW Investigation	
614 Reilly Ave	Project Number:	04061-0042	Reported:
Farmington NM, 87401	Project Manager:	Greg Crabtree	07/07/22 15:10

- 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.

Client: Enterprise						Bill To							Lab Use Only								TAT				EPA Program					
Project: Chaco Paint GW Investigation						Attention:						Lab WO# E206204				Job Number 04061-0042				1D	2D	3D	Standard		CWA	SDWA				
Project Manager: Greg Crabtree						Address:																					x			
Address:						City, State, Zip						Analysis and Method														RCRA				
City, State, Zip						Phone:																								
Phone:						Email:																								
Email: Faragon Tknight Gcrabtree Bhall Igarcia																														
KSanchez Gbenally Ctodacheenie																														
Report due by:																														
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	Cations/Anions	TDS	8015 (DRD/GRO/ORO)	8021	Chlorides	8260							NM	CO	UT	AZ	TX	Remarks							
1235	6/27/2022	S	2	MW-1/SB1 @ 24	1			X	X	X								X												
1256				MW-1/SB1 @ 26	2			X	X	X																				
1432				MW-1/SB1 @ 35	3			X	X	X																				
1656				MW-2/SB2 @ 25	4			X	X	X																				
1720				MW-2/SB2 @ 30	5			X	X	X																				
1754				MW-2/SB2 @ 35	6			X	X	X																				
Additional Instructions:																														
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																		
Relinquished by: (Signature) [Signature]												Received by: (Signature) [Signature]																		
Date 6/28/22 Time 1649												Date 6/28/22 Time 16:00																		
Relinquished by: (Signature)												Received by: (Signature)																		
Date												Date																		
Relinquished by: (Signature)												Received by: (Signature)																		
Date												Date																		
												Lab Use Only Received on ice: Y N T1 T2 T3 AVG Temp °C 4																		
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other												Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																		
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																														

## Envirotech Analytical Laboratory

Printed: 6/28/2022 5:23:13PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Enterprise Products	Date Received:	06/28/22 10:00	Work Order ID:	E206204
Phone:	(505)599-2104	Date Logged In:	06/28/22 16:33	Logged In By:	Caitlin Christian
Email:		Due Date:	07/06/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: Brittany HallComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Greg Crabtree



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Enterprise Products

Project Name: Chaco Plant GW Investigation

Work Order: E206238

Job Number: 04061-0042

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/8/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 7/8/22

Greg Crabtree  
614 Reilly Ave  
Farmington, NM 87401



Project Name: Chaco Plant GW Investigation  
Workorder: E206238  
Date Received: 6/29/2022 6:51:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:51:00AM, under the Project Name: Chaco Plant GW Investigation.

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

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

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

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

Respectfully,

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

**Raina Schwanz**  
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**Alexa Michaels**  
Sample Custody Officer  
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**Lynn Jarboe**  
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[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

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



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## Sample Summary

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant GW Investigation Project Number: 04061-0042 Project Manager: Greg Crabtree	Reported: 07/08/22 11:32
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
MW3/SB3 @ 25	E206238-01A	Solid	06/28/22	06/29/22	Glass Jar, 4 oz.
	E206238-01B	Solid	06/28/22	06/29/22	Glass Jar, 4 oz.
MW3/SB3 @ 35	E206238-02A	Soil	06/28/22	06/29/22	Glass Jar, 4 oz.
	E206238-02B	Soil	06/28/22	06/29/22	Glass Jar, 4 oz.
MW4/SB4 @ 30	E206238-03A	Soil	06/28/22	06/29/22	Glass Jar, 4 oz.
	E206238-03B	Soil	06/28/22	06/29/22	Glass Jar, 4 oz.
MW4/SB4 @ 40	E206238-04A	Soil	06/28/22	06/29/22	Glass Jar, 4 oz.
	E206238-04B	Soil	06/28/22	06/29/22	Glass Jar, 4 oz.
MW4/SB4 @ 54	E206238-05A	Soil	06/28/22	06/29/22	Glass Jar, 4 oz.
	E206238-05B	Soil	06/28/22	06/29/22	Glass Jar, 4 oz.



## Sample Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant GW Investigation Project Number: 04061-0042 Project Manager: Greg Crabtree	<b>Reported:</b> 7/8/2022 11:32:17AM
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### MW3/SB3 @ 25

#### E206238-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2228028	
Benzene	ND	0.0250	1	07/06/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/07/22	
Toluene	ND	0.0250	1	07/06/22	07/07/22	
o-Xylene	ND	0.0250	1	07/06/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	91.5 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2228028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.5 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2228026	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>	109 %	50-200		07/06/22	07/07/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: KL		Batch: 2228017	
Chloride	ND	20.0	1	07/06/22	07/07/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/8/2022 11:32:17AM

MW3/SB3 @ 35

E206238-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228028	
Benzene	ND	0.0250	1	07/06/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/07/22	
Toluene	ND	0.0250	1	07/06/22	07/07/22	
o-Xylene	ND	0.0250	1	07/06/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.8 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2228026	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: KL		Batch: 2228017	
Chloride	ND	20.0	1	07/06/22	07/07/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/8/2022 11:32:17AM

## MW4/SB4 @ 30

## E206238-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	ND	0.0250	1	07/06/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/07/22	
Toluene	ND	0.0250	1	07/06/22	07/07/22	
o-Xylene	ND	0.0250	1	07/06/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.4 %	70-130	07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		91.2 %	70-130	07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228026
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>						
		113 %	50-200	07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228017
Chloride	36.0	20.0	1	07/06/22	07/07/22	





## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/8/2022 11:32:17AM

## MW4/SB4 @ 40

## E206238-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	ND	0.0250	1	07/06/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/07/22	
Toluene	<b>0.130</b>	0.0250	1	07/06/22	07/07/22	
o-Xylene	ND	0.0250	1	07/06/22	07/07/22	
p,m-Xylene	<b>0.0668</b>	0.0500	1	07/06/22	07/07/22	
Total Xylenes	<b>0.0668</b>	0.0250	1	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.0 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228026
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228017
Chloride	ND	20.0	1	07/06/22	07/07/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/8/2022 11:32:17AM

MW4/SB4 @ 54

E206238-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	0.140	0.0250	1	07/06/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/07/22	
Toluene	0.343	0.0250	1	07/06/22	07/07/22	
o-Xylene	ND	0.0250	1	07/06/22	07/07/22	
p,m-Xylene	0.0672	0.0500	1	07/06/22	07/07/22	
Total Xylenes	0.0672	0.0250	1	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.8 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228026
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228017
Chloride	ND	20.0	1	07/06/22	07/07/22	



## QC Summary Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant GW Investigation Project Number: 04061-0042 Project Manager: Greg Crabtree	Reported: 7/8/2022 11:32:17AM
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## Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2228028-BLK1)

Prepared: 07/06/22 Analyzed: 07/07/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			

## LCS (2228028-BS1)

Prepared: 07/06/22 Analyzed: 07/07/22

Benzene	4.99	0.0250	5.00		99.9	70-130			
Ethylbenzene	4.43	0.0250	5.00		88.6	70-130			
Toluene	4.73	0.0250	5.00		94.6	70-130			
o-Xylene	4.60	0.0250	5.00		92.0	70-130			
p,m-Xylene	9.13	0.0500	10.0		91.3	70-130			
Total Xylenes	13.7	0.0250	15.0		91.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.5	70-130			

## LCS Dup (2228028-BSD1)

Prepared: 07/06/22 Analyzed: 07/07/22

Benzene	5.06	0.0250	5.00		101	70-130	1.31	20	
Ethylbenzene	4.49	0.0250	5.00		89.9	70-130	1.48	20	
Toluene	4.80	0.0250	5.00		96.0	70-130	1.47	20	
o-Xylene	4.67	0.0250	5.00		93.4	70-130	1.59	20	
p,m-Xylene	9.27	0.0500	10.0		92.7	70-130	1.49	20	
Total Xylenes	13.9	0.0250	15.0		92.9	70-130	1.52	20	
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/8/2022 11:32:17AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2228028-BLK1) Prepared: 07/06/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

LCS (2228028-BS2) Prepared: 07/06/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			

LCS Dup (2228028-BSD2) Prepared: 07/06/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.0	70-130	2.67	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/8/2022 11:32:17AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2228026-BLK1)					Prepared: 07/06/22 Analyzed: 07/06/22				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.7		50.0		117	50-200			

LCS (2228026-BS1)					Prepared: 07/06/22 Analyzed: 07/06/22				
Diesel Range Organics (C10-C28)	520	25.0	500		104	38-132			
Surrogate: n-Nonane	57.4		50.0		115	50-200			

Matrix Spike (2228026-MS1)					Source: E206241-02		Prepared: 07/06/22 Analyzed: 07/07/22		
Diesel Range Organics (C10-C28)	680	25.0	500	ND	136	38-132			M2
Surrogate: n-Nonane	74.0		50.0		148	50-200			

Matrix Spike Dup (2228026-MSD1)					Source: E206241-02		Prepared: 07/06/22 Analyzed: 07/07/22		
Diesel Range Organics (C10-C28)	692	25.0	500	ND	138	38-132	1.80	20	M2
Surrogate: n-Nonane	67.8		50.0		136	50-200			





QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/8/2022 11:32:17AM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2228017-BLK1)					Prepared: 07/06/22 Analyzed: 07/07/22				
Chloride	ND	20.0							
LCS (2228017-BS1)					Prepared: 07/06/22 Analyzed: 07/07/22				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2228017-MS1)					Source: E206238-01		Prepared: 07/06/22 Analyzed: 07/07/22		
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2228017-MSD1)					Source: E206238-01		Prepared: 07/06/22 Analyzed: 07/07/22		
Chloride	257	20.0	250	ND	103	80-120	0.504	20	

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



Definitions and Notes

Enterprise Products	Project Name:	Chaco Plant GW Investigation	
614 Reilly Ave	Project Number:	04061-0042	Reported:
Farmington NM, 87401	Project Manager:	Greg Crabtree	07/08/22 11:32

- M2 Matrix spike recovery was outside quality control limits. 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

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

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



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## Envirotech Analytical Laboratory

Printed: 6/30/2022 9:29:15AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Enterprise Products	Date Received:	06/29/22 06:51	Work Order ID:	E206238
Phone:	(505)599-2104	Date Logged In:	06/30/22 09:19	Logged In By:	Caitlin Christian
Email:		Due Date:	07/07/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: Brittany HallComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Greg Crabtree



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Enterprise Products

Project Name: Chaco Plant GW Investigation

Work Order: E206241

Job Number: 04061-0042

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/8/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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



Date Reported: 7/8/22

Greg Crabtree  
614 Reilly Ave  
Farmington, NM 87401



Project Name: Chaco Plant GW Investigation  
Workorder: E206241  
Date Received: 6/29/2022 4:49:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 4:49:00PM, under the Project Name: Chaco Plant GW Investigation.

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

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

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

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

Respectfully,

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

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

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

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Sample Summary

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	07/08/22 11:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
MW5/SB5 @ 15	E206241-01A	Soil	06/29/22	06/29/22	Glass Jar, 4 oz.
	E206241-01B	Soil	06/29/22	06/29/22	Glass Jar, 4 oz.
MW5/SB5 @ 35	E206241-02A	Soil	06/29/22	06/29/22	Glass Jar, 4 oz.
	E206241-02B	Soil	06/29/22	06/29/22	Glass Jar, 4 oz.



## Sample Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant GW Investigation Project Number: 04061-0042 Project Manager: Greg Crabtree	<b>Reported:</b> 7/8/2022 11:27:08AM
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### MW5/SB5 @ 15

#### E206241-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2228028	
Benzene	ND	0.0250	1	07/06/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/07/22	
Toluene	ND	0.0250	1	07/06/22	07/07/22	
o-Xylene	ND	0.0250	1	07/06/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	90.6 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2228028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.3 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2228026	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>	136 %	50-200		07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: KL		Batch: 2228017	
Chloride	ND	20.0	1	07/06/22	07/07/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/8/2022 11:27:08AM

MW5/SB5 @ 35

E206241-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	ND	0.0250	1	07/06/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/07/22	
Toluene	ND	0.0250	1	07/06/22	07/07/22	
o-Xylene	ND	0.0250	1	07/06/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.2 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228026
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>						
	134 %	50-200		07/06/22	07/07/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228017
Chloride	ND	20.0	1	07/06/22	07/07/22	





## QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	<b>Reported:</b>
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/8/2022 11:27:08AM

## Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2228028-BLK1)

Prepared: 07/06/22 Analyzed: 07/07/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			

## LCS (2228028-BS1)

Prepared: 07/06/22 Analyzed: 07/07/22

Benzene	4.99	0.0250	5.00		99.9	70-130			
Ethylbenzene	4.43	0.0250	5.00		88.6	70-130			
Toluene	4.73	0.0250	5.00		94.6	70-130			
o-Xylene	4.60	0.0250	5.00		92.0	70-130			
p,m-Xylene	9.13	0.0500	10.0		91.3	70-130			
Total Xylenes	13.7	0.0250	15.0		91.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.5	70-130			

## LCS Dup (2228028-BSD1)

Prepared: 07/06/22 Analyzed: 07/07/22

Benzene	5.06	0.0250	5.00		101	70-130	1.31	20	
Ethylbenzene	4.49	0.0250	5.00		89.9	70-130	1.48	20	
Toluene	4.80	0.0250	5.00		96.0	70-130	1.47	20	
o-Xylene	4.67	0.0250	5.00		93.4	70-130	1.59	20	
p,m-Xylene	9.27	0.0500	10.0		92.7	70-130	1.49	20	
Total Xylenes	13.9	0.0250	15.0		92.9	70-130	1.52	20	
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/8/2022 11:27:08AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2228028-BLK1) Prepared: 07/06/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

LCS (2228028-BS2) Prepared: 07/06/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			

LCS Dup (2228028-BSD2) Prepared: 07/06/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.0	70-130	2.67	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			



## QC Summary Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant GW Investigation Project Number: 04061-0042 Project Manager: Greg Crabtree	Reported: 7/8/2022 11:27:08AM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2228026-BLK1)

Prepared: 07/06/22 Analyzed: 07/06/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.7		50.0		117	50-200			

## LCS (2228026-BS1)

Prepared: 07/06/22 Analyzed: 07/06/22

Diesel Range Organics (C10-C28)	520	25.0	500		104	38-132			
Surrogate: n-Nonane	57.4		50.0		115	50-200			

## Matrix Spike (2228026-MS1)

Source: E206241-02

Prepared: 07/06/22 Analyzed: 07/07/22

Diesel Range Organics (C10-C28)	680	25.0	500	ND	136	38-132			M2
Surrogate: n-Nonane	74.0		50.0		148	50-200			

## Matrix Spike Dup (2228026-MSD1)

Source: E206241-02

Prepared: 07/06/22 Analyzed: 07/07/22

Diesel Range Organics (C10-C28)	692	25.0	500	ND	138	38-132	1.80	20	M2
Surrogate: n-Nonane	67.8		50.0		136	50-200			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/8/2022 11:27:08AM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2228017-BLK1)					Prepared: 07/06/22 Analyzed: 07/07/22				
Chloride	ND	20.0							
LCS (2228017-BS1)					Prepared: 07/06/22 Analyzed: 07/07/22				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2228017-MS1)					Source: E206238-01		Prepared: 07/06/22 Analyzed: 07/07/22		
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2228017-MSD1)					Source: E206238-01		Prepared: 07/06/22 Analyzed: 07/07/22		
Chloride	257	20.0	250	ND	103	80-120	0.504	20	

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



Definitions and Notes

Enterprise Products	Project Name:	Chaco Plant GW Investigation	
614 Reilly Ave	Project Number:	04061-0042	Reported:
Farmington NM, 87401	Project Manager:	Greg Crabtree	07/08/22 11:27

- M2 Matrix spike recovery was outside quality control limits. 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

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

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





[illegible]

## Envirotech Analytical Laboratory

Printed: 6/30/2022 10:02:49AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Enterprise Products	Date Received:	06/29/22 16:49	Work Order ID:	E206241
Phone:	(505)599-2104	Date Logged In:	06/30/22 10:00	Logged In By:	Caitlin Christian
Email:		Due Date:	07/07/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: Brittany HallComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Greg Crabtree



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Enterprise Products

Project Name: Chaco Plant

Work Order: E207030

Job Number: 04061-0042

Received: 7/7/2022

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/14/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 7/14/22

Greg Crabtree  
614 Reilly Ave  
Farmington, NM 87401



Project Name: Chaco Plant  
Workorder: E207030  
Date Received: 7/7/2022 2:28:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/7/2022 2:28:00PM, under the Project Name: Chaco Plant.

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

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

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

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

Respectfully,

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

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

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

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Sample Summary

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	07/14/22 17:20

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
MW-4	E207030-01A	Aqueous	07/07/22	07/07/22	Poly 500mL
	E207030-01B	Aqueous	07/07/22	07/07/22	Poly 250mL
	E207030-01C	Aqueous	07/07/22	07/07/22	VOA Vial, 40mL; HCl
	E207030-01D	Aqueous	07/07/22	07/07/22	VOA Vial, 40mL; HCl
	E207030-01E	Aqueous	07/07/22	07/07/22	VOA Vial, 40mL; HCl
Trip Blank	E207030-02A	Aqueous	07/07/22	07/07/22	VOA Vial, 40mL; HCl



## Sample Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant Project Number: 04061-0042 Project Manager: Greg Crabtree	Reported: 7/14/2022 5:20:53PM
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## MW-4

## E207030-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
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Volatile Organic Compounds by EPA 8260B	ug/L	ug/L	Analyst: IY		Batch: 2228052	
Acetone	526	400	10	07/08/22	07/08/22	
Benzene	216	10.0	10	07/08/22	07/08/22	
Bromobenzene	ND	10.0	10	07/08/22	07/08/22	
Bromochloromethane	ND	10.0	10	07/08/22	07/08/22	
Bromodichloromethane	ND	10.0	10	07/08/22	07/08/22	
Bromoform	ND	10.0	10	07/08/22	07/08/22	
Bromomethane	ND	20.0	10	07/08/22	07/08/22	
n-Butyl Benzene	ND	10.0	10	07/08/22	07/08/22	
sec-Butylbenzene	ND	10.0	10	07/08/22	07/08/22	
tert-Butylbenzene	ND	10.0	10	07/08/22	07/08/22	
Carbon Tetrachloride	ND	10.0	10	07/08/22	07/08/22	
Chlorobenzene	ND	10.0	10	07/08/22	07/08/22	
Chloroethane	ND	20.0	10	07/08/22	07/08/22	
Chloroform	ND	50.0	10	07/08/22	07/08/22	
Chloromethane	ND	20.0	10	07/08/22	07/08/22	
2-Chlorotoluene	ND	10.0	10	07/08/22	07/08/22	
4-Chlorotoluene	ND	10.0	10	07/08/22	07/08/22	
Dibromochloromethane	ND	10.0	10	07/08/22	07/08/22	
1,2-Dibromo-3-chloropropane (DBCP)	ND	50.0	10	07/08/22	07/08/22	
1,2-Dibromoethane (EDB)	ND	20.0	10	07/08/22	07/08/22	
Dibromomethane	ND	10.0	10	07/08/22	07/08/22	
1,2-Dichlorobenzene	ND	10.0	10	07/08/22	07/08/22	
1,3-Dichlorobenzene	ND	10.0	10	07/08/22	07/08/22	
1,4-Dichlorobenzene	ND	10.0	10	07/08/22	07/08/22	
Dichlorodifluoromethane (Freon-12)	ND	20.0	10	07/08/22	07/08/22	
1,1-Dichloroethane	ND	10.0	10	07/08/22	07/08/22	
1,2-Dichloroethane	ND	10.0	10	07/08/22	07/08/22	
1,1-Dichloroethene	ND	10.0	10	07/08/22	07/08/22	
cis-1,2-Dichloroethene	ND	10.0	10	07/08/22	07/08/22	
trans-1,2-Dichloroethene	ND	10.0	10	07/08/22	07/08/22	
1,2-Dichloropropane	ND	10.0	10	07/08/22	07/08/22	
1,3-Dichloropropane	ND	10.0	10	07/08/22	07/08/22	
2,2-Dichloropropane	ND	10.0	10	07/08/22	07/08/22	
1,1-Dichloropropene	ND	10.0	10	07/08/22	07/08/22	
cis-1,3-Dichloropropene	ND	10.0	10	07/08/22	07/08/22	
trans-1,3-Dichloropropene	ND	10.0	10	07/08/22	07/08/22	
Diisopropyl Ether (DIPE)	ND	10.0	10	07/08/22	07/08/22	
Ethylbenzene	48.4	10.0	10	07/08/22	07/08/22	
Ethyl tert-Butyl Ether (ETBE)	ND	10.0	10	07/08/22	07/08/22	
Hexachlorobutadiene	ND	50.0	10	07/08/22	07/08/22	
2-Hexanone	ND	200	10	07/08/22	07/08/22	
Isopropylbenzene	ND	10.0	10	07/08/22	07/08/22	
4-Isopropyltoluene	ND	10.0	10	07/08/22	07/08/22	
2-Butanone (MEK)	453	200	10	07/08/22	07/08/22	
Methylene Chloride	ND	20.0	10	07/08/22	07/08/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/14/2022 5:20:53PM

## MW-4

## E207030-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		ug/L	ug/L	Analyst: IY		Batch: 2228052
1-Methylnaphthalene	ND	100	10	07/08/22	07/08/22	
2-Methylnaphthalene	ND	100	10	07/08/22	07/08/22	
4-Methyl-2-pentanone (MIBK)	ND	200	10	07/08/22	07/08/22	
Methyl tert-Butyl Ether (MTBE)	ND	10.0	10	07/08/22	07/08/22	
Naphthalene	ND	50.0	10	07/08/22	07/08/22	
n-Propyl Benzene	ND	10.0	10	07/08/22	07/08/22	
Styrene	ND	10.0	10	07/08/22	07/08/22	
tert-Amyl Methyl ether (TAME)	ND	10.0	10	07/08/22	07/08/22	
1,1,1,2-Tetrachloroethane	ND	10.0	10	07/08/22	07/08/22	
1,1,2,2-Tetrachloroethane	ND	10.0	10	07/08/22	07/08/22	
Tetrachloroethene	ND	10.0	10	07/08/22	07/08/22	
1,2,3-Trichlorobenzene	ND	50.0	10	07/08/22	07/08/22	
1,2,4-Trichlorobenzene	ND	50.0	10	07/08/22	07/08/22	
1,1,1-Trichloroethane	ND	10.0	10	07/08/22	07/08/22	
1,1,2-Trichloroethane	ND	10.0	10	07/08/22	07/08/22	
Trichloroethene	ND	10.0	10	07/08/22	07/08/22	
Trichlorofluoromethane (Freon-11)	ND	20.0	10	07/08/22	07/08/22	
1,2,3-Trichloropropane	ND	20.0	10	07/08/22	07/08/22	
1,2,4-Trimethylbenzene	ND	50.0	10	07/08/22	07/08/22	
1,3,5-Trimethylbenzene	ND	10.0	10	07/08/22	07/08/22	
Toluene	838	10.0	10	07/08/22	07/08/22	
Vinyl chloride	ND	20.0	10	07/08/22	07/08/22	
o-Xylene	80.3	10.0	10	07/08/22	07/08/22	
p,m-Xylene	319	20.0	10	07/08/22	07/08/22	
Total Xylenes	400	10.0	10	07/08/22	07/08/22	
Surrogate: Bromofluorobenzene	98.8 %	70-130		07/08/22	07/08/22	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		07/08/22	07/08/22	
Surrogate: Toluene-d8	97.5 %	70-130		07/08/22	07/08/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/14/2022 5:20:53PM

## MW-4

## E207030-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Wet Chem/Gravimetric by SM2540C</b>						
	mg/L	mg/L		Analyst: RAS		Batch: 2228056
Total Dissolved Solids	<b>5060</b>	10.0	1	07/08/22	07/13/22	
<b>Wet Chemistry by 9040C/4500H+B</b>						
	pH Units	pH Units		Analyst: KC		Batch: 2229030
pH @25°C	<b>6.83</b>		1	07/11/22 11:27	07/11/22 12:27	H5
<b>Wet Chemistry by SM2320B</b>						
	mg/L	mg/L		Analyst: KF		Batch: 2229064
Total Alkalinity (as CaCO3 at pH 4.5)	<b>639</b>	10.0	1	07/14/22	07/14/22	
<b>Wet Chemistry by 9050A/2510B</b>						
	uS/cm	uS/cm		Analyst: KF		Batch: 2229051
Specific Conductance (@ 25 C)	<b>5730</b>	10.0	1	07/13/22	07/13/22	
<b>Dissolved Metals by EPA 6010C</b>						
	mg/L	mg/L		Analyst: RKS		Batch: 2229002
Calcium	<b>538</b>	10.0	10	07/11/22	07/12/22	
Iron	ND	20.0	10	07/11/22	07/12/22	
Magnesium	<b>80.9</b>	10.0	10	07/11/22	07/12/22	
Potassium	<b>23.0</b>	10.0	10	07/11/22	07/12/22	
Sodium	<b>1080</b>	20.0	10	07/11/22	07/12/22	
Sodium Absorption Ratio (CALC)	<b>11.4</b>		1	07/14/22	07/14/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/L	mg/L		Analyst: RAS		Batch: 2228072
Fluoride	ND	5.00	20	07/08/22	07/08/22	
Chloride	<b>63.7</b>	40.0	20	07/08/22	07/08/22	
Nitrite-N	ND	5.00	20	07/08/22 15:04	07/08/22 16:06	
Nitrate-N	ND	5.00	20	07/08/22 15:04	07/08/22 16:06	
o-Phosphate-P	ND	5.00	20	07/08/22 15:04	07/08/22 16:06	
Sulfate	<b>3980</b>	40.0	20	07/08/22	07/08/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/14/2022 5:20:53PM

## Trip Blank

E207030-02

Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>		ug/L	ug/L	Analyst: IY	Batch: 2228052	
Acetone	ND	40.0	1	07/08/22	07/08/22	
Benzene	ND	1.00	1	07/08/22	07/08/22	
Bromobenzene	ND	1.00	1	07/08/22	07/08/22	
Bromochloromethane	ND	1.00	1	07/08/22	07/08/22	
Bromodichloromethane	ND	1.00	1	07/08/22	07/08/22	
Bromoform	ND	1.00	1	07/08/22	07/08/22	
Bromomethane	ND	2.00	1	07/08/22	07/08/22	
n-Butyl Benzene	ND	1.00	1	07/08/22	07/08/22	
sec-Butylbenzene	ND	1.00	1	07/08/22	07/08/22	
tert-Butylbenzene	ND	1.00	1	07/08/22	07/08/22	
Carbon Tetrachloride	ND	1.00	1	07/08/22	07/08/22	
Chlorobenzene	ND	1.00	1	07/08/22	07/08/22	
Chloroethane	ND	2.00	1	07/08/22	07/08/22	
Chloroform	ND	5.00	1	07/08/22	07/08/22	
Chloromethane	ND	2.00	1	07/08/22	07/08/22	
2-Chlorotoluene	ND	1.00	1	07/08/22	07/08/22	
4-Chlorotoluene	ND	1.00	1	07/08/22	07/08/22	
Dibromochloromethane	ND	1.00	1	07/08/22	07/08/22	
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	1	07/08/22	07/08/22	
1,2-Dibromoethane (EDB)	ND	2.00	1	07/08/22	07/08/22	
Dibromomethane	ND	1.00	1	07/08/22	07/08/22	
1,2-Dichlorobenzene	ND	1.00	1	07/08/22	07/08/22	
1,3-Dichlorobenzene	ND	1.00	1	07/08/22	07/08/22	
1,4-Dichlorobenzene	ND	1.00	1	07/08/22	07/08/22	
Dichlorodifluoromethane (Freon-12)	ND	2.00	1	07/08/22	07/08/22	
1,1-Dichloroethane	ND	1.00	1	07/08/22	07/08/22	
1,2-Dichloroethane	ND	1.00	1	07/08/22	07/08/22	
1,1-Dichloroethene	ND	1.00	1	07/08/22	07/08/22	
cis-1,2-Dichloroethene	ND	1.00	1	07/08/22	07/08/22	
trans-1,2-Dichloroethene	ND	1.00	1	07/08/22	07/08/22	
1,2-Dichloropropane	ND	1.00	1	07/08/22	07/08/22	
1,3-Dichloropropane	ND	1.00	1	07/08/22	07/08/22	
2,2-Dichloropropane	ND	1.00	1	07/08/22	07/08/22	
1,1-Dichloropropene	ND	1.00	1	07/08/22	07/08/22	
cis-1,3-Dichloropropene	ND	1.00	1	07/08/22	07/08/22	
trans-1,3-Dichloropropene	ND	1.00	1	07/08/22	07/08/22	
Diisopropyl Ether (DIPE)	ND	1.00	1	07/08/22	07/08/22	
Ethylbenzene	ND	1.00	1	07/08/22	07/08/22	
Ethyl tert-Butyl Ether (ETBE)	ND	1.00	1	07/08/22	07/08/22	
Hexachlorobutadiene	ND	5.00	1	07/08/22	07/08/22	
2-Hexanone	ND	20.0	1	07/08/22	07/08/22	
Isopropylbenzene	ND	1.00	1	07/08/22	07/08/22	
4-Isopropyltoluene	ND	1.00	1	07/08/22	07/08/22	
2-Butanone (MEK)	ND	20.0	1	07/08/22	07/08/22	
Methylene Chloride	ND	2.00	1	07/08/22	07/08/22	
1-Methylnaphthalene	ND	10.0	1	07/08/22	07/08/22	
2-Methylnaphthalene	ND	10.0	1	07/08/22	07/08/22	





## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/14/2022 5:20:53PM

## Trip Blank

E207030-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>	ug/L	ug/L	Analyst: IY		Batch: 2228052	
4-Methyl-2-pentanone (MIBK)	ND	20.0	1	07/08/22	07/08/22	
Methyl tert-Butyl Ether (MTBE)	ND	1.00	1	07/08/22	07/08/22	
Naphthalene	ND	5.00	1	07/08/22	07/08/22	
n-Propyl Benzene	ND	1.00	1	07/08/22	07/08/22	
Styrene	ND	1.00	1	07/08/22	07/08/22	
tert-Amyl Methyl ether (TAME)	ND	1.00	1	07/08/22	07/08/22	
1,1,1,2-Tetrachloroethane	ND	1.00	1	07/08/22	07/08/22	
1,1,2,2-Tetrachloroethane	ND	1.00	1	07/08/22	07/08/22	
Tetrachloroethene	ND	1.00	1	07/08/22	07/08/22	
1,2,3-Trichlorobenzene	ND	5.00	1	07/08/22	07/08/22	
1,2,4-Trichlorobenzene	ND	5.00	1	07/08/22	07/08/22	
1,1,1-Trichloroethane	ND	1.00	1	07/08/22	07/08/22	
1,1,2-Trichloroethane	ND	1.00	1	07/08/22	07/08/22	
Trichloroethene	ND	1.00	1	07/08/22	07/08/22	
Trichlorofluoromethane (Freon-11)	ND	2.00	1	07/08/22	07/08/22	
1,2,3-Trichloropropane	ND	2.00	1	07/08/22	07/08/22	
1,2,4-Trimethylbenzene	ND	5.00	1	07/08/22	07/08/22	
1,3,5-Trimethylbenzene	ND	1.00	1	07/08/22	07/08/22	
Toluene	ND	1.00	1	07/08/22	07/08/22	
Vinyl chloride	ND	2.00	1	07/08/22	07/08/22	
o-Xylene	ND	1.00	1	07/08/22	07/08/22	
p,m-Xylene	ND	2.00	1	07/08/22	07/08/22	
Total Xylenes	ND	1.00	1	07/08/22	07/08/22	
Surrogate: Bromofluorobenzene	94.4 %	70-130		07/08/22	07/08/22	
Surrogate: 1,2-Dichloroethane-d4	107 %	70-130		07/08/22	07/08/22	
Surrogate: Toluene-d8	95.9 %	70-130		07/08/22	07/08/22	



## QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/14/2022 5:20:53PM

## Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
	ug/L	ug/L	ug/L	ug/L	%	%	%	%	

## Blank (2228052-BLK1)

Prepared: 07/08/22 Analyzed: 07/08/22

Acetone	ND	40.0
Benzene	ND	1.00
Bromobenzene	ND	1.00
Bromochloromethane	ND	1.00
Bromodichloromethane	ND	1.00
Bromoform	ND	1.00
Bromomethane	ND	2.00
n-Butyl Benzene	ND	1.00
sec-Butylbenzene	ND	1.00
tert-Butylbenzene	ND	1.00
Carbon Tetrachloride	ND	1.00
Chlorobenzene	ND	1.00
Chloroethane	ND	2.00
Chloroform	ND	5.00
Chloromethane	ND	2.00
2-Chlorotoluene	ND	1.00
4-Chlorotoluene	ND	1.00
Dibromochloromethane	ND	1.00
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00
1,2-Dibromoethane (EDB)	ND	2.00
Dibromomethane	ND	1.00
1,2-Dichlorobenzene	ND	1.00
1,3-Dichlorobenzene	ND	1.00
1,4-Dichlorobenzene	ND	1.00
Dichlorodifluoromethane (Freon-12)	ND	2.00
1,1-Dichloroethane	ND	1.00
1,2-Dichloroethane	ND	1.00
1,1-Dichloroethene	ND	1.00
cis-1,2-Dichloroethene	ND	1.00
trans-1,2-Dichloroethene	ND	1.00
1,2-Dichloropropane	ND	1.00
1,3-Dichloropropane	ND	1.00
2,2-Dichloropropane	ND	1.00
1,1-Dichloropropene	ND	1.00
cis-1,3-Dichloropropene	ND	1.00
trans-1,3-Dichloropropene	ND	1.00
Diisopropyl Ether (DIPE)	ND	1.00
Ethylbenzene	ND	1.00
Ethyl tert-Butyl Ether (ETBE)	ND	1.00
Hexachlorobutadiene	ND	5.00
2-Hexanone	ND	20.0
Isopropylbenzene	ND	1.00
4-Isopropyltoluene	ND	1.00
2-Butanone (MEK)	ND	20.0
Methylene Chloride	ND	2.00
1-Methylnaphthalene	ND	10.0
2-Methylnaphthalene	ND	10.0
4-Methyl-2-pentanone (MIBK)	ND	20.0
Methyl tert-Butyl Ether (MTBE)	ND	1.00
Naphthalene	ND	5.00
n-Propyl Benzene	ND	1.00
Styrene	ND	1.00
tert-Amyl Methyl ether (TAME)	ND	1.00
1,1,1,2-Tetrachloroethane	ND	1.00
1,1,2,2-Tetrachloroethane	ND	1.00
Tetrachloroethene	ND	1.00
1,2,3-Trichlorobenzene	ND	5.00
1,2,4-Trichlorobenzene	ND	5.00
1,1,1-Trichloroethane	ND	1.00
1,1,2-Trichloroethane	ND	1.00
Trichloroethene	ND	1.00
Trichlorofluoromethane (Freon-11)	ND	2.00
1,2,3-Trichloropropane	ND	2.00
1,2,4-Trimethylbenzene	ND	5.00



## QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/14/2022 5:20:53PM

## Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	ug/L	ug/L	ug/L	ug/L	%	%	%	%	

## Blank (2228052-BLK1)

Prepared: 07/08/22 Analyzed: 07/08/22

1,3,5-Trimethylbenzene	ND	1.00							
Toluene	ND	1.00							
Vinyl chloride	ND	2.00							
o-Xylene	ND	1.00							
p,m-Xylene	ND	2.00							
Total Xylenes	ND	1.00							
Surrogate: Bromofluorobenzene	9.20		10.0		92.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	10.2		10.0		102	70-130			
Surrogate: Toluene-d8	9.57		10.0		95.7	70-130			

## LCS (2228052-BS1)

Prepared: 07/08/22 Analyzed: 07/08/22

Benzene	46.2	1.00	50.0		92.3	70-130			
Bromochloromethane	44.3	1.00	50.0		88.5	70-130			
tert-Butylbenzene	42.6	1.00	50.0		85.2	70-130			
Chlorobenzene	47.0	1.00	50.0		94.0	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	41.9	5.00	50.0		83.9	65-135			
1,4-Dichlorobenzene	43.1	1.00	50.0		86.2	70-130			
1,1-Dichloroethene	45.7	1.00	50.0		91.3	80-120			
1,2-Dichloropropane	47.3	1.00	50.0		94.5	80-120			
Diisopropyl Ether (DIPE)	45.5	1.00	50.0		91.1	65-135			
Ethylbenzene	46.1	1.00	50.0		92.2	80-120			
Methylene Chloride	44.3	2.00	50.0		88.6	70-130			
4-Methyl-2-pentanone (MIBK)	88.9	20.0	100		88.9	50-160			
Methyl tert-Butyl Ether (MTBE)	75.8	1.00	100		75.8	70-130			
n-Propyl Benzene	46.5	1.00	50.0		93.0	70-130			
1,1,1,2-Tetrachloroethane	43.2	1.00	50.0		86.3	70-130			
Tetrachloroethene	41.4	1.00	50.0		82.8	70-130			
1,2,3-Trichlorobenzene	36.6	5.00	50.0		73.2	70-140			
1,1,1-Trichloroethane	37.0	1.00	50.0		74.1	70-130			
1,1,2-Trichloroethane	47.4	1.00	50.0		94.8	70-130			
Trichloroethene	41.3	1.00	50.0		82.5	70-130			
Toluene	46.2	1.00	50.0		92.5	80-120			
Vinyl chloride	49.6	2.00	50.0		99.2	80-120			
o-Xylene	47.0	1.00	50.0		94.1	70-130			
p,m-Xylene	92.5	2.00	100		92.5	70-130			
Total Xylenes	140	1.00	150		93.0	70-130			
Surrogate: Bromofluorobenzene	10.1		10.0		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	10.1		10.0		101	70-130			
Surrogate: Toluene-d8	10.0		10.0		100	70-130			

## LCS Dup (2228052-BSD1)

Prepared: 07/08/22 Analyzed: 07/08/22

Benzene	44.2	1.00	50.0		88.4	70-130	4.36	20	
Bromochloromethane	42.3	1.00	50.0		84.5	70-130	4.67	20	
tert-Butylbenzene	41.2	1.00	50.0		82.5	70-130	3.22	20	
Chlorobenzene	45.7	1.00	50.0		91.5	70-130	2.76	20	
1,2-Dibromo-3-chloropropane (DBCP)	39.2	5.00	50.0		78.4	65-135	6.68	30	
1,4-Dichlorobenzene	42.0	1.00	50.0		84.0	70-130	2.63	20	
1,1-Dichloroethene	43.2	1.00	50.0		86.3	80-120	5.61	20	
1,2-Dichloropropane	46.4	1.00	50.0		92.9	80-120	1.79	20	
Diisopropyl Ether (DIPE)	43.4	1.00	50.0		86.8	65-135	4.84	20	
Ethylbenzene	44.6	1.00	50.0		89.3	80-120	3.20	20	
Methylene Chloride	42.0	2.00	50.0		84.1	70-130	5.28	20	
4-Methyl-2-pentanone (MIBK)	85.6	20.0	100		85.6	50-160	3.84	30	
Methyl tert-Butyl Ether (MTBE)	72.2	1.00	100		72.2	70-130	4.81	20	
n-Propyl Benzene	45.0	1.00	50.0		90.0	70-130	3.28	20	
1,1,1,2-Tetrachloroethane	41.8	1.00	50.0		83.6	70-130	3.18	20	
Tetrachloroethene	40.4	1.00	50.0		80.7	70-130	2.57	20	
1,2,3-Trichlorobenzene	36.2	5.00	50.0		72.4	70-140	1.04	20	
1,1,1-Trichloroethane	35.6	1.00	50.0		71.2	70-130	3.97	20	
1,1,2-Trichloroethane	45.9	1.00	50.0		91.7	70-130	3.35	20	
Trichloroethene	39.9	1.00	50.0		79.8	70-130	3.43	20	



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/14/2022 5:20:53PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	ug/L	ug/L	ug/L	ug/L	%	%	%	%	

LCS Dup (2228052-BSD1)

Prepared: 07/08/22 Analyzed: 07/08/22

Toluene	44.6	1.00	50.0		89.1	80-120	3.70	20	
Vinyl chloride	46.9	2.00	50.0		93.8	80-120	5.58	30	
o-Xylene	45.3	1.00	50.0		90.7	70-130	3.66	20	
p,m-Xylene	89.3	2.00	100		89.3	70-130	3.54	20	
Total Xylenes	135	1.00	150		89.7	70-130	3.58	20	
Surrogate: Bromofluorobenzene	10.1		10.0		101	70-130			
Surrogate: 1,2-Dichloroethane-d4	9.73		10.0		97.3	70-130			
Surrogate: Toluene-d8	10.2		10.0		102	70-130			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/14/2022 5:20:53PM

Wet Chem/Gravimetric by SM2540C

Analyst: RAS

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

Blank (2228056-BLK1)					Prepared: 07/08/22 Analyzed: 07/13/22				
Total Dissolved Solids	ND	10.0							
LCS (2228056-BS1)					Prepared: 07/08/22 Analyzed: 07/13/22				
Total Dissolved Solids	129	10.0	100		129	55-134			
Duplicate (2228056-DUP1)					Source: E207028-01 Prepared: 07/08/22 Analyzed: 07/13/22				
Total Dissolved Solids	748	10.0		622		18.3	5		R3





QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/14/2022 5:20:53PM

Wet Chemistry by 9040C/4500H+B

Analyst: KC

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	pH Units	pH Units	pH Units	pH Units	%	%	%	%	

LCS (2229030-BS1)	Prepared: 07/11/22 Analyzed: 07/11/22								
pH	7.99		8.00		99.9	98.75-101.25			
Duplicate (2229030-DUP1)	Source: E207030-01 Prepared: 07/11/22 Analyzed: 07/11/22								
pH	6.81			6.83		0.293	20		H5



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/14/2022 5:20:53PM

Wet Chemistry by SM2320B

Analyst: KF

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

LCS (2229064-BS1)					Prepared: 07/14/22 Analyzed: 07/14/22				
Total Alkalinity (as CaCO3 at pH 4.5)	270	10.0	250		108	70-130			
LCS Dup (2229064-BSD1)					Prepared: 07/14/22 Analyzed: 07/14/22				
Total Alkalinity (as CaCO3 at pH 4.5)	281	10.0	250		112	70-130	3.99	20	



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/14/2022 5:20:53PM

Wet Chemistry by 9050A/2510B

Analyst: KF

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	uS/cm	uS/cm	uS/cm	uS/cm	%	%	%	%	

Blank (2229051-BLK1)					Prepared: 07/13/22 Analyzed: 07/13/22				
Specific Conductance (@ 25 C)	ND	10.0							
LCS (2229051-BS1)					Prepared: 07/13/22 Analyzed: 07/13/22				
Specific Conductance (@ 25 C)	1420	10.0	1410		101	98-102			
Duplicate (2229051-DUP1)					Source: E207030-01		Prepared: 07/13/22 Analyzed: 07/13/22		
Specific Conductance (@ 25 C)	5700	10.0		5730			0.525	20	



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/14/2022 5:20:53PM

Dissolved Metals by EPA 6010C

Analyst: RKS

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

Blank (2229002-BLK1) Prepared: 07/11/22 Analyzed: 07/12/22

Calcium	ND	1.00
Iron	ND	2.00
Magnesium	ND	1.00
Potassium	ND	1.00
Sodium	ND	2.00

LCS (2229002-BS1) Prepared: 07/11/22 Analyzed: 07/12/22

Calcium	50.9	1.00	50.0	102	80-120
Iron	102	2.00	100	102	80-120
Magnesium	52.6	1.00	50.0	105	80-120
Potassium	5.15	1.00	5.00	103	80-120
Sodium	19.4	2.00	20.0	97.0	80-120

Matrix Spike (2229002-MS1) Source: E206247-02 Prepared: 07/11/22 Analyzed: 07/12/22

Calcium	619	10.0	500	105	103	75-125
Iron	1110	20.0	1000	85.5	102	75-125
Magnesium	533	10.0	500	ND	107	75-125
Potassium	57.6	10.0	50.0	ND	115	75-125
Sodium	1930	20.0	200	1680	124	75-125

Matrix Spike Dup (2229002-MSD1) Source: E206247-02 Prepared: 07/11/22 Analyzed: 07/12/22

Calcium	642	10.0	500	105	107	75-125	3.54	20
Iron	1150	20.0	1000	85.5	106	75-125	3.90	20
Magnesium	547	10.0	500	ND	109	75-125	2.59	20
Potassium	61.3	10.0	50.0	ND	123	75-125	6.24	20
Sodium	1960	20.0	200	1680	137	75-125	1.34	20

M4



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/14/2022 5:20:53PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2228072-BLK1) Prepared: 07/08/22 Analyzed: 07/08/22

Fluoride	ND	0.250
Chloride	ND	2.00
Nitrite-N	ND	0.250
Nitrate-N	ND	0.250
o-Phosphate-P	ND	0.250
Sulfate	ND	2.00

LCS (2228072-BS1) Prepared: 07/08/22 Analyzed: 07/13/22

Fluoride	2.55	0.250	2.50	102	90-110
Chloride	24.8	2.00	25.0	99.1	90-110
Nitrite-N	2.53	0.250	2.50	101	90-110
Nitrate-N	2.54	0.250	2.50	102	90-110
o-Phosphate-P	12.2	0.250	12.5	97.8	90-110
Sulfate	25.0	2.00	25.0	99.8	90-110

LCS Dup (2228072-BSD1) Prepared: 07/08/22 Analyzed: 07/13/22

Fluoride	2.60	0.250	2.50	104	90-110	1.77	20
Chloride	25.2	2.00	25.0	101	90-110	1.54	20
Nitrite-N	2.59	0.250	2.50	104	90-110	2.30	20
Nitrate-N	2.60	0.250	2.50	104	90-110	2.15	20
o-Phosphate-P	12.5	0.250	12.5	99.6	90-110	1.85	20
Sulfate	27.2	2.00	25.0	109	90-110	8.56	20

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





Definitions and Notes

Enterprise Products	Project Name:	Chaco Plant	
614 Reilly Ave	Project Number:	04061-0042	Reported:
Farmington NM, 87401	Project Manager:	Greg Crabtree	07/14/22 17:20

H5	pH is specified to be performed in the field within 15 minutes of sampling. The sample was performed as quickly as possible.
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.
R3	The RPD exceeded the acceptance limit. LCS spike recovery met acceptance criteria.
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.

[illegible]

## Envirotech Analytical Laboratory

Printed: 7/7/2022 4:00:02PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Enterprise Products	Date Received:	07/07/22 14:28	Work Order ID:	E207030
Phone:	(505)599-2104	Date Logged In:	07/07/22 15:56	Logged In By:	Caitlin Christian
Email:		Due Date:	07/14/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: Chasitty TodacheenieComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

14. Are aqueous VOC samples present? Yes
15. Are VOC samples collected in VOA Vials? Yes
16. Is the head space less than 6-8 mm (pea sized or less)? Yes
17. Was a trip blank (TB) included for VOC analyses? Yes
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

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

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? Yes
22. Are sample(s) correctly preserved? Yes
24. Is lab filtration required and/or requested for dissolved metals? Yes

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

# Appendix F



*BioSol HP50 SDS*



Practical Solutions for a Better Tomorrow



## SAFETY DATA SHEET

## BioSol HP50

**1. PRODUCT AND COMPANY IDENTIFICATION****Company**

Solugen  
14549 Minetta St.  
Houston, TX 77035

**Oxygenated and Derivatives**

Email / Telephone Number: [regulatory@solugentech.com](mailto:regulatory@solugentech.com) / 713.380.2134

**Emergency Information**

CHEMTREC: (800) 424-9300  
(24 hrs., 7 days a week)

**Product Information**

Product name:	BioSol HP50
Synonyms:	H2O2 50%
Molecular formula:	H2O2
Chemical family:	peroxides
Molecular weight:	34.01 g/mol
Product use:	Bleaching agent, Oxidizing agent, Cosmetics, Water treatment

**2. HAZARDS IDENTIFICATION****Emergency Overview**

Color:	colourless
Physical state:	liquid
Odor:	pungent

**\*Classification of the substance or mixture:**

Oxidizing liquids, Category 2, H272  
Oral: Acute toxicity, Category 3, H301  
Skin corrosion, Category 1C, H314  
Serious eye damage, Category 1, H318  
Specific target organ toxicity - single exposure, Category 3, H335  
Chronic aquatic toxicity, Category 3, H412

\*For the full text of the H-Statements mentioned in this Section, see Section 16.





## SAFETY DATA SHEET

### BioSol HP50

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#### GHS-Labeling

Hazard pictograms:



Signal word:

**Danger**

#### Hazard statements:

H272 : May intensify fire; oxidizer.

H301 : Toxic if swallowed.

H314 : Causes severe skin burns and eye damage.

H335 : May cause respiratory irritation.

H412 : Harmful to aquatic life with long lasting effects.



## SAFETY DATA SHEET

## BioSol HP50

**Precautionary statements:****Prevention:**

P210 : Keep away from heat.  
 P220 : Keep/Store away from clothing/ combustible materials.  
 P221 : Take any precaution to avoid mixing with combustibles.  
 P261 : Avoid breathing gas/mist/vapors/spray.  
 P264 : Wash skin thoroughly after handling.  
 P270 : Do not eat, drink or smoke when using this product.  
 P271 : Use only outdoors or in a well-ventilated area.  
 P273 : Avoid release to the environment.  
 P280 : Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response:**

P301 + P310 : IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
 P301 + P330 + P331 : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303 + P361 + P353 : IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
 P304 + P340 : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P305 + P351 + P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 : Immediately call a POISON CENTER/doctor.  
 P363 : Wash contaminated clothing before reuse.  
 P370 + P378 : In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

**Storage:**

P403 + P233 : Store in a well-ventilated place. Keep container tightly closed.  
 P405 : Store locked up.

**Disposal:**

P501 : Dispose of contents/ container to an approved waste disposal plant.

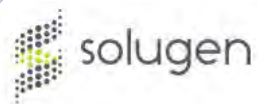
**Supplemental information:****Potential Health Effects:**

If swallowed:

May cause: gastrointestinal symptoms, ulceration, burns, accumulation of fluid in the lungs which may be delayed for several hours, (severity of effects depends on extent of exposure).

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No.	Wt/Wt	GHS Classification**
Hydrogen peroxide	7722-84-1	50 %	H271, H301, H332, H335, H314, H318, H412



## SAFETY DATA SHEET

## BioSol HP50

Water	7732-18-5	50 %	Not classified
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\*\*For the full text of the H-Statements mentioned in this Section, see Section 16.

#### 4. FIRST AID MEASURES

##### 4.1. Description of necessary first-aid measures:

###### Inhalation:

If inhaled, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

###### Skin:

In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Remove contaminated clothing and shoes. Wash clothing before reuse. Destroy contaminated shoes.

###### Eyes:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

###### Ingestion:

If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Call a Poison Control Center. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person. Rinse mouth.

##### 4.2. Most important symptoms/effects, acute and delayed:

For most important symptoms and effects (acute and delayed), see Section 2 (Hazard Statements and Supplemental Information) and Section 11 (Toxicology Information) of this SDS.

##### 4.3. Indication of immediate medical attention and special treatment needed, if necessary:

Unless otherwise noted in Notes to Physician, no specific treatment noted; treat symptomatically.

###### Notes to physician:

Exposure to material may cause delayed lung injury resulting in pulmonary edema and pneumonitis. Exposed individuals should be monitored for 72 hours after exposure for the onset of delayed respiratory symptoms.

#### 5. FIREFIGHTING MEASURES

##### Extinguishing media (suitable):

water spray, water fog

##### Protective equipment:

Fire fighters and others who may be exposed to products of combustion should wear full fire fighting turn out gear (full Bunker Gear) and self-contained breathing apparatus (pressure demand / NIOSH approved or equivalent).

##### Further firefighting advice:



## SAFETY DATA SHEET

### BioSol HP50

#### Oxidizing material

In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

Decomposition will release oxygen, which will intensify a fire.

Cool closed containers exposed to fire with water spray.

Closed containers of this material may explode when subjected to heat from surrounding fire.

Do not allow run-off from fire fighting to enter drains or water courses.

Fire fighting equipment should be thoroughly decontaminated after use.

#### Fire and explosion hazards:

Solutions above 65% are especially hazardous as they do not contain enough water to remove the heat of decomposition by evaporation.

Explosive when mixed with combustible material.

Avoid breathing fumes from fire exposed material.

### 6. ACCIDENTAL RELEASE MEASURES

#### **Personal precautions, Emergency procedures, Methods and materials for containment/clean-up:**

Prevent further leakage or spillage if you can do so without risk. Evacuate area of all unnecessary personnel. Ventilate the area. Eliminate all ignition sources. Avoid generation of vapors. Avoid contact with cellulose, paper, sawdust or similar substances. Risk of self-ignition or promotion of fires. Combustible materials exposed to hydrogen peroxide should be rinsed immediately with large amounts of water to ensure that all the hydrogen peroxide is removed. Contain and collect spillage with non-combustible absorbent material such as clean sand, earth, diatomaceous earth or non-acidic clay and place into suitable properly labeled containers for prompt disposal. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

#### **Protective equipment:**

Appropriate personal protective equipment is set forth in Section 8.

### 7. HANDLING AND STORAGE

#### **Handling**

##### **General information on handling:**

Do not taste or swallow.

Do not get in eyes, on skin, or on clothing.

Avoid breathing vapor or mist.

Keep from contact with clothing and other combustible materials.

Keep away from heat, sparks and flames.

Use only with adequate ventilation.

Wash thoroughly after handling.

Wear fire/ flame resistant/ retardant clothing.

Prevent product contamination.

Keep only in the original container.

Store in tightly closed container.

DO NOT CUT, DRILL, GRIND, OR WELD ON OR NEAR THIS CONTAINER.

Emptied container retains vapor and product residue.

Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

Avoid contamination.

#### **Storage**

**SAFETY DATA SHEET****BioSol HP50****General information on storage conditions:**

Store in tightly closed container. Store in cool, dry, well ventilated area away from sources of ignition such as flame, sparks and static electricity. Store out of direct sunlight in a cool well-ventilated place. Store in original container. Store away from combustibles and incompatible materials. Refer to National Fire Protection Association (NFPA) 430, Code for the Storage of Solid and Liquid Oxidizers.

**Storage incompatibility – General:**

Store separate from acids, alkalies, reducing agents, and combustibles. Store separate from: Metallic oxides

Organic materials

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Airborne Exposure Guidelines:****Hydrogen peroxide (7722-84-1)**

US. ACGIH Threshold Limit Values

Time weighted average	1 ppm
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US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

PEL:	1 ppm (1.4 mg/m3)
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Only those components with exposure limits are printed in this section. Limits with skin contact designation above have skin contact effect. Air sampling alone is insufficient to accurately quantitate exposure. Measures to prevent significant cutaneous absorption may be required. Limits with a sensitizer designation above mean that exposure to this material may cause allergic reactions.

**Engineering controls:**

Investigate engineering techniques to reduce exposures below airborne exposure limits or to otherwise reduce exposures. Provide ventilation if necessary to minimize exposures or to control exposure levels to below airborne exposure limits (if applicable see above). If practical, use local mechanical exhaust ventilation at sources of air contamination such as open process equipment.

Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.

**Respiratory protection:**

Avoid breathing vapor or mist. Where airborne exposure is likely or airborne exposure limits are exceeded (if applicable, see above), use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. Consult respirator manufacturer to determine appropriate type equipment for a given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure or where exposure limit may be significantly exceeded, use an approved full face positive-pressure, self-contained breathing apparatus or positive-pressure airline with auxiliary self-contained air supply. Respiratory protection programs must comply with 29 CFR § 1910.134.

**Skin protection:**

Wear appropriate chemical resistant protective clothing and chemical resistant gloves to prevent skin contact. When handling this material, gloves of the following type(s) should be worn: Neoprene

Polyvinylchloride





## SAFETY DATA SHEET

## BioSol HP50

Impervious butyl rubber gloves

Wear a face shield, chemical goggles and chemical resistant clothing such as an approved splash protective suit made of SBR Rubber, PVC, Gore-Tex or a HAZMAT Splash Protective Suit (Level A, B, or C) when splashing may occur (such as connecting/disconnecting, mechanical first break). For foot protection, wear boots made of NBR, PVC, polyurethane, or neoprene. Overboots made of Latex or PVC, as well as firefighter boots or specialized HAZMAT boots are also permitted. DO NOT wear any form of boot or overboots made of nylon or nylon blends. DO NOT use cotton, wool or leather, as these materials react RAPIDLY with higher concentrations of hydrogen peroxide. Rinse immediately if skin is contaminated. Remove contaminated clothing and shoes immediately. Thoroughly rinse the outside of gloves and protective clothing with water prior to removal. Completely submerge hydrogen peroxide contaminated clothing or other materials in water prior to drying. Residual hydrogen peroxide, if allowed to dry on materials such as paper, fabrics, cotton, leather, wood or other combustibles can cause the material to ignite and result in a fire. Clean protective equipment before reuse. Provide a safety shower at any location where skin contact can occur. Wash thoroughly after handling.

**Eye protection:**

Where there is potential for eye contact, wear a face shield, chemical goggles, and have eye flushing equipment immediately available.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Color:</b>	colourless
<b>Physical state:</b>	liquid
<b>Odor:</b>	pungent
<b>Odor threshold:</b>	No data available
<b>Flash point</b>	None.
<b>Auto-ignition temperature:</b>	Not applicable
<b>Lower flammable limit (LFL):</b>	Not applicable
<b>Upper flammable limit (UFL):</b>	Not applicable
<b>pH:</b>	No data available
<b>Density:</b>	1.196 g/cm <sup>3</sup> (68 °F (20 °C))
<b>Vapor pressure:</b>	18 mmHg (68 °F (20 °C))
<b>Relative vapor density:</b>	1.0
<b>Vapor density:</b>	not determined
<b>Boiling point/boiling range:</b>	237 °F (114 °C)



## SAFETY DATA SHEET

## BioSol HP50

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<b>Melting point/range:</b>	No data available.
<b>Freezing point:</b>	-62 °F (-52 °C)
<b>Evaporation rate:</b>	No data available
<b>Solubility in water:</b>	completely soluble
<b>Viscosity, dynamic:</b>	No data available
<b>% Volatiles:</b>	100 %
<b>Molecular weight:</b>	34.01 g/mol
<b>Oil/water partition coefficient:</b>	No data available
<b>Thermal decomposition</b>	No data available
<b>Flammability:</b>	See GHS Classification in Section 2

**10. STABILITY AND REACTIVITY****Stability:**

This material is chemically stable under normal and anticipated storage, handling and processing conditions.

**Hazardous reactions:**

None known.

**Materials to avoid:**

Metals  
Organic materials  
Reducing agents  
Metallic oxides  
Dusts  
Combustible materials (e.g., wood, sawdust)  
Alkaline materials

**Conditions / hazards to avoid:**

Material decomposes with the potential to produce a rupture of unvented closed containers.

**Hazardous decomposition products:**

This material decomposes if contaminated, causing fire and possible explosions. Oxygen can be liberated at temperatures above ambient.

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## SAFETY DATA SHEET

## BioSol HP50

**11. TOXICOLOGICAL INFORMATION****Data for HYDROGEN PEROXIDE 50% (ALL GRADES)****Acute toxicity****Oral:**

Toxic if swallowed. (Rat) LD50 = 225 - 1,200 mg/kg. (50 %) (as aqueous solution)

**Dermal:**

Practically nontoxic. (Rat) LD50 = 9,200 mg/kg. (70 %) (as aqueous solution)

**Inhalation:**

No deaths occurred. (Rat) 4 h LC0 > 0.17 mg/l. (50 %) (saturated vapor)

**Specific target organ toxicity - single exposure:**

May cause respiratory irritation.

**Skin Irritation:**

Causes severe skin burns. (Rabbit) (1 h) (50 %) (aqueous solution)

**Eye Irritation:**

Causes serious eye damage. (Rabbit) (70 %) (aqueous solution)

**12. ECOLOGICAL INFORMATION****Chemical Fate and Pathway**

Data on this material and/or a similar material are summarized below.

**Ecotoxicology**

Data on this material and/or a similar material are summarized below.

**13. DISPOSAL CONSIDERATIONS****Waste disposal:**

Dilution with water is the preferred method of disposal. Dispose of in accordance with federal, state and local regulations. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits. Note: Chemical additions to, processing of, or otherwise altering this material may make this waste management information incomplete, inaccurate, or otherwise inappropriate. Furthermore, state and local waste disposal requirements may be more restrictive or otherwise different from federal laws and regulations.

Take appropriate measures to prevent release to the environment.



## SAFETY DATA SHEET

## BioSol HP50

## 14. TRANSPORT INFORMATION

## US Department of Transportation (DOT)

UN Number : 2014  
 Proper shipping name : Hydrogen peroxide, aqueous solutions  
 Class : 5.1  
 Subsidiary hazard class : (8)  
 Packaging group : II  
 Marine pollutant : no

## International Maritime Dangerous Goods Code (IMDG)

UN Number : 2014  
 Proper shipping name : HYDROGEN PEROXIDE, AQUEOUS SOLUTION  
 Class : 5.1  
 Subsidiary hazard class : (8)  
 Packaging group : II  
 Marine pollutant : no

## 15. REGULATORY INFORMATION

Chemical Inventory Status

EU. EINECS	EINECS	Conforms to
US. Toxic Substances Control Act	TSCA	The components of this product are all on the TSCA Inventory.
Australia. Industrial Chemical (Notification and Assessment) Act	AICS	Conforms to
Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL)	DSL	All components of this product are on the Canadian DSL
Japan. Kashin-Hou Law List	ENCS (JP)	Does not conform
Korea. Existing Chemicals Inventory (KECI)	KECI (KR)	Conforms to
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	PICCS (PH)	Does not conform
China. Inventory of Existing Chemical Substances	IECSC (CN)	Does not conform

United States – Federal Regulations

## SARA Title III – Section 302 Extremely Hazardous Chemicals:

<u>Chemical name</u>	<u>CAS-No.</u>	<u>SARA</u> <u>Reportable</u> <u>Quantities</u>	<u>SARA</u> <u>Threshold</u> <u>Planning</u> <u>Quantity</u>



## SAFETY DATA SHEET

## BioSol HP50

Hydrogen peroxide

7722-84-1

1000 lbs

1000 lbs

**SARA Title III - Section 311/312 Hazard Categories:**

Acute Health Hazard, Fire Hazard, Reactivity Hazard

**SARA Title III – Section 313 Toxic Chemicals:**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantity (RQ):**

The components in this product are either not CERCLA regulated, regulated but present in negligible concentrations, or regulated with no assigned reportable quantity.

**United States – State Regulations****New Jersey Right to Know**Chemical name

Water

Hydrogen peroxide

CAS-No.

7732-18-5

7722-84-1

**New Jersey Right to Know – Special Health Hazard Substance(s)**Chemical name

Hydrogen peroxide

CAS-No.

7722-84-1

**Pennsylvania Right to Know**Chemical name

Water

Hydrogen peroxide

CAS-No.

7732-18-5

7722-84-1

**Pennsylvania Right to Know – Environmentally Hazardous Substance(s)**Chemical name

Hydrogen peroxide

CAS-No.

7722-84-1

**California Prop. 65**

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive defects.

**16. OTHER INFORMATION**

**Full text of H-Statements referred to under sections 2 and 3.**

H271 May cause fire or explosion;  
strong oxidizer. H272 May intensify fire;  
oxidizer.  
H301 Toxic if swallowed.  
H314 Causes severe skin burns and  
eye damage. H318 Causes serious  
eye damage.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H412 Harmful to aquatic life with long lasting effects.

The statements, technical information and recommendations contained herein are believed to be accurate as of the date hereof. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, Solugen expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information; **NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN.** The information provided herein relates only to the specific product designated and may not be applicable when such product is used in combination with other materials or in any process. The user should thoroughly test any application before commercialization. Nothing contained herein constitutes a license to practice under any patent and it should not be construed as an inducement to infringe any patent and the user is advised to take appropriate steps to be sure that any proposed use of the product will not result in patent infringement. See SDS for Health & Safety Considerations.



# Appendix G



## *NMOSE Permit Approval Letters*



**Practical Solutions for a Better Tomorrow**



STATE OF NEW MEXICO  
OFFICE OF THE STATE ENGINEER  
AZTEC

Mike A. Hamman, P.E.  
State Engineer

100 Gossett Drive, Suite A  
Aztec, New Mexico 87410

June 14, 2022

Tom Long  
Enterprise Products  
614 Reilly Ave.  
Farmington, NM 87401

**RE: Permit Approval to Drill Wells With No Water Right, SJ-4534 POD1-POD6, Enterprise Products, Chaco Plant Release Investigation**


Dear Mr. Long:

On May 27, 2022, the New Mexico Office of the State Engineer (NMOSE) received an application to drill six new soil borings and install four groundwater monitoring wells associated with the above referenced location. Enclosed is a copy of the above numbered permit, which has been approved subject to the conditions set forth on the approval page and in the attached Conditions of Approval.

A standardized plugging method for the future abandonment of the six newly permitted wells/soil borings has also been included in the Conditions of Approval. This eliminates the need to submit a separate Well Plugging Plan of Operations for approval by the NMOSE prior to plugging, unless an alternate plugging method is proposed, required by a separate oversight agency, necessary due to incompatibility with actual conditions, or artesian conditions are encountered. Please be aware that there are deadlines to submit well records for the newly installed monitoring wells and plugging records for any abandoned wells. These deadlines can be found in the attached Conditions of Approval. The well and plugging records should be sent to the NMOSE District V, 100 Gossett Drive, Suite A, Aztec, NM, 87410.

If you have any questions regarding this permitting action, please contact me at (505) 383-4751.

Sincerely,

  
Miles Juett  
San Juan Basin Watermaster  
Water Rights Division District V

Enclosures

cc: Aztec Reading (w/o enclosures)  
SJ-4534 File  
WATERS  
Brittany Hall, Envirotech, Inc., via email: [bhall@envirotech-inc.com](mailto:bhall@envirotech-inc.com)



# NEW MEXICO OFFICE OF THE STATE ENGINEER

## WR-07 APPLICATION FOR PERMIT TO DRILL

### A WELL WITH NO WATER RIGHT

(check applicable box):



For fees, see State Engineer website: <http://www.ose.state.nm.us/>

Purpose:	<input type="checkbox"/> Pollution Control And/Or Recovery	<input type="checkbox"/> Ground Source Heat Pump
<input type="checkbox"/> Exploratory Well (Pump test)	<input type="checkbox"/> Construction Site/Public Works Dewatering	<input type="checkbox"/> Other(Describe):
<input checked="" type="checkbox"/> Monitoring Well	<input type="checkbox"/> Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

☐ Temporary Request - Requested Start Date: June 16, 2022 Requested End Date: ~~June 18, 2022~~ 6-30-2024

Plugging Plan of Operations Submitted? ☐ Yes ☒ No

#### 1. APPLICANT(S)

Name: Enterprise Field Services LLC	Name: Envirotech, Inc
Contact or Agent: check here if Agent <input type="checkbox"/>	Contact or Agent: check here if Agent <input checked="" type="checkbox"/>
Thomas Long	Brittany Hall
Mailing Address: 614 Reilly Ave	Mailing Address: 5796 US Highway 64
City: Farmington	City: Farmington
State: New Mexico	State: New Mexico
Zip Code: 87401	Zip Code: 87401
Phone: 505-215-4727 Phone (Work):	Phone: 505-947-9179 Phone (Work):
<input type="checkbox"/> Home <input type="checkbox"/> Cell	<input type="checkbox"/> Home <input checked="" type="checkbox"/> Cell
E-mail (optional): tjlong@eprod.com	E-mail (optional): bhall@envirotech-inc.com

STATE OF NEW MEXICO  
AZTEC, NM 87401

2022 MAY 27 PM 4:27

FOR OSE INTERNAL USE

Application for Permit, Form WR-07, Rev 11/17/16

File No.: SJ-4534 POD1-6	Trn. No.:	Receipt No.: 5-7075
Trans Description (optional):		
Sub-Basin:	PCW/LOG Due Date: 6-14-2023	

## 2. WELL(S) Describe the well(s) applicable to this application.

<b>Location Required:</b> Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84). District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.			
<input type="checkbox"/> NM State Plane (NAD83) (Feet) <input type="checkbox"/> UTM (NAD83) (Meters) <input checked="" type="checkbox"/> Lat/Long (WGS84) (to the nearest 1/10 <sup>th</sup> of second)			
<input type="checkbox"/> NM West Zone <input type="checkbox"/> Zone 12N <input type="checkbox"/> NM East Zone <input type="checkbox"/> Zone 13N <input type="checkbox"/> NM Central Zone			
Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves , Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
(SJ-4534 POD1) SB-1/MW-1	-108.117143	36.483661	N, Section 16, Township 26N, Range 12W
(POD2) SB-2/MW-2	-108.117113	36.483770	N, Section 16, Township 26N, Range 12W
(POD3) SB-3/MW-3	-108.117079	36.483781	N, Section 16, Township 26N, Range 12W
(POD4) SB-4/MW-2	-108.117158	36.483771	N, Section 16, Township 26N, Range 12W
(POD5) SB-5/MW-3	-108.117085	36.483839	N, Section 16, Township 26N, Range 12W
<b>NOTE:</b> If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions) Additional well descriptions are attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No      If yes, how many <u>1</u>			
Other description relating well to common landmarks, streets, or other: Located at Enterprise Products' Chaco Plant			
Well is on land owned by: Enterprise Products			
<b>Well Information:</b> NOTE: If more than one (1) well needs to be described, provide attachment. Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, how many <u>1</u>			
Approximate depth of well (feet): 35		Outside diameter of well casing (inches): 2	
Driller Name: HRL Compliance Solutions		Driller License Number: WD#1789	

## 3. ADDITIONAL STATEMENTS OR EXPLANATIONS

SB-2/MW-2 and SB-3/MW-3 will only be completed to monitoring wells if no contamination is found in the soils during drill activities.

STATE OF NEW MEXICO  
 AZTEC, NEW MEXICO  
 2022 MAR 27 PM 4:27

FOR USE INTERNAL USE

Application for Permit, Form WR-07

File No.: SJ-4534 POD1-6	Trn No.:
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Page 2 of 3



# NEW MEXICO OFFICE OF THE STATE ENGINEER



## ATTACHMENT 1 POINT OF DIVERSION DESCRIPTIONS

This Attachment is to be completed if more than one (1) point of diversion is described on an Application or Declaration.

<b>a. Is this a:</b> <input type="checkbox"/> Move-From Point of Diversion(s) <input type="checkbox"/> Move-To Point of Diversion(s)		<b>b. Information on Attachment(s):</b> Number of points of diversion involved in the application: _____ Total number of pages attached to the application: _____	
<input type="checkbox"/> <b>Surface Point of Diversion</b> <b>OR</b> <input checked="" type="checkbox"/> <b>Well</b>			
Name of ditch, acequia, or spring:			
Stream or water course:			
Tributary of:			
<b>c. Location (Required):</b> Required: Move to POD location coordinate must be either New Mexico State Plane (NAD 83), UTM (NAD 83), <u>or</u> Lat/Long (WGS84)			
NM State Plane (NAD83) (feet) NM West Zone <input type="checkbox"/> NM Central Zone <input type="checkbox"/> NM East Zone <input type="checkbox"/>	UTM (NAD83) (meters) Zone 13N <input type="checkbox"/> Zone 12N <input type="checkbox"/>	<input checked="" type="checkbox"/> Lat/Long-- (WGS84) 1/10 <sup>th</sup> of second	OTHER (allowable only for move-from descriptions - see application form for format) <input checked="" type="checkbox"/> PLSS (quarters, section, township, range) <input type="checkbox"/> Hydrographic Survey, Map & Tract <input type="checkbox"/> Lot, Block & Subdivision <input type="checkbox"/> Grant
POD Number: (POD6) SB-6/MW-4	X or Longitude -108.117099	Y or Latitude 36.483728	Other Location Description: N, Section 16, Township 26N, Range 12W
POD Number:	X or Longitude	Y or Latitude	Other Location Description:
POD Number:	X or Longitude	Y or Latitude	Other Location Description:
POD Number:	X or Longitude	Y or Latitude	Other Location Description:
POD Number:	X or Longitude	Y or Latitude	Other Location Description:
POD Number:	X or Longitude	Y or Latitude	Other Location Description:
POD Number:	X or Longitude	Y or Latitude	Other Location Description:
POD Number:	X or Longitude	Y or Latitude	Other Location Description:
POD Number:	X or Longitude	Y or Latitude	Other Location Description:

FOR OSE INTERNAL USE

Form wr-08

POD DESCRIPTIONS - ATTACHMENT 1

File Number: SJ-4534 POD6

Trn Number:

Trans Description (optional):

**4. SPECIFIC REQUIREMENTS:** The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

<b>Exploratory:</b> <input type="checkbox"/> Include a description of any proposed pump test, if applicable.	<b>Pollution Control and/or Recovery:</b> <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for the pollution control or recovery operation. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The annual diversion amount. <input type="checkbox"/> The annual consumptive use amount. <input type="checkbox"/> The maximum amount of water to be diverted and injected for the duration of the operation. <input type="checkbox"/> The method and place of discharge.	<b>Construction De-Watering:</b> <input type="checkbox"/> Include a description of the proposed dewatering operation, <input type="checkbox"/> The estimated duration of the operation, <input type="checkbox"/> The maximum amount of water to be diverted, <input type="checkbox"/> A description of the need for the dewatering operation, and, <input type="checkbox"/> A description of how the diverted water will be disposed of.	<b>Mine De-Watering:</b> <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for mine dewatering. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The source(s) of the water to be diverted. <input type="checkbox"/> The geohydrologic characteristics of the aquifer(s). <input type="checkbox"/> The maximum amount of water to be diverted per annum. <input type="checkbox"/> The maximum amount of water to be diverted for the duration of the operation. <input type="checkbox"/> The quality of the water.
<b>Monitoring:</b> <input checked="" type="checkbox"/> Include the reason for the monitoring well, and, <input checked="" type="checkbox"/> The duration of the planned monitoring.	<input type="checkbox"/> The method of measurement of water produced and discharged. <input type="checkbox"/> The source of water to be injected. <input type="checkbox"/> The method of measurement of water injected. <input checked="" type="checkbox"/> The characteristics of the aquifer. <input type="checkbox"/> The method of determining the resulting annual consumptive use of water and depletion from any related stream system. <input type="checkbox"/> Proof of any permit required from the New Mexico Environment Department. <input type="checkbox"/> An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	<b>Ground Source Heat Pump:</b> <input type="checkbox"/> Include a description of the geothermal heat exchange project, <input type="checkbox"/> The number of boreholes for the completed project and required depths. <input type="checkbox"/> The time frame for constructing the geothermal heat exchange project, and, <input type="checkbox"/> The duration of the project. <input type="checkbox"/> Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	<input type="checkbox"/> The method of measurement of water diverted. <input type="checkbox"/> The recharge of water to the aquifer. <input type="checkbox"/> Description of the estimated area of hydrologic effect of the project. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. <input type="checkbox"/> A description of the methods employed to estimate effects on surface water rights and underground water rights. <input type="checkbox"/> Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.

**ACKNOWLEDGEMENT**

I, We (name of applicant(s)), Thomas Long and Brittany Hall

Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Thomas Long  
Applicant Signature

Brittany Hall  
Applicant Signature

**ACTION OF THE STATE ENGINEER**

This application is:

☒ approved ☐ partially approved ☐ denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 14 day of June 2022, for the State Engineer,

Mike A. Hamman, P.E., State Engineer

By: Miles Juett  
Signature

Miles Juett  
Print

Title: Watermaster  
Print

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

File No.: SJ-4534 POD1-6

Trn No.:

2022 MAY 27 PM 4:27  
STATE ENGINEER  
ATLANTA 300



**NMOSE Permit to Drill a Well(s) With No Water Right - Conditions of Approval**  
**SJ-4534 POD1 – POD6**

The New Mexico Office of the State Engineer (NMOSE) has determined that existing water rights will not be impaired by this activity. This application is approved without publication provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state. This application approval (i.e., permit) is further subject to the following conditions of approval.

1. This permit is approved as follows:

Permittee(s): Enterprise Field Services, LLC  
(Envirotech, Inc., as Agent)  
614 Reilly Ave  
Farmington, NM 87401

Permit Number: SJ-4534

Application File Date: May 27, 2022

Priority: N/A

Source: Groundwater

Point(s) of Diversion: SJ-4534 POD1 through POD6 includes four newly proposed groundwater monitoring wells and two soil borings associated with Enterprise Products Remediation Excavation Report (Incident # nAPP2202747264) at the Enterprise Field Services Chaco Plant, located on land owned by Enterprise Products in San Juan County, New Mexico. If proposed MWs -1 and/or -2 (SB-1 and SB-2) encounter contamination, then the boreholes will be immediately plugged, and SB-4 and/or -5 will be completed as MW-1 and MW-2 respectively (aka, point of diversion; POD) will be located within the SE<sup>1</sup>/<sub>4</sub> SW<sup>1</sup>/<sub>4</sub> of Section 16, Township 26N North, Range 12 West, NMPM, at the following approximate point locations (Lat/Long).

POD Number and Owner's Well Name	Casing: Diameter (inches) and Depth (feet)		Longitude (DD)	Latitude (DD)
SJ-4534 POD1 (SB-1/MW-1)	2	35	-108.117143	36.483661
SJ-4534 POD2 (SB-2/MW-2)	2	35	-108.117113	36.483770
SJ-4534 POD3 (SB-3/MW-3)	2	35	-108.117079	36.483781
SJ-4534 POD4 (SB-4/MW-2)	2	35	-108.117158	36.483771
SJ-4534 POD5 (SB-5/MW-3)	2	35	-108.117085	36.483839
SJ-4534 POD6 (SB-6/MW-4)	2	35	-108.117099	36.483728

Purpose of Use: Groundwater monitoring

Place of Use: N/A

Amount of Water: N/A

2. No water shall be appropriated and beneficially used from any wells or borings approved under this permit.
3. No water shall be diverted from the well(s) except for initial well development and periodic sampling purposes. Upon completion of monitoring activities the well(s) shall be plugged in accordance with Subsection C of 19.27.4.30 NMAC, unless a permit to use water is acquired from the NMOSE.
4. The well(s) may continue to be used indefinitely for groundwater sampling or monitoring required for the current site investigation and any associated remediation, so long as they remain in good repair. **A new permit shall be obtained from the NMOSE prior to replacing a well(s) or for any change in use as approved herein.**
5. Water well drilling and well drilling activities, including well plugging, are regulated under NMOSE Regulations 19.27.4 NMAC. These regulations apply, and provide both general and specific direction regarding the drilling of wells in New Mexico. Note that the construction of any well that allows groundwater to flow uncontrolled to the land surface or to move appreciably between geologic units is prohibited.
6. In accordance with Subsection A of 19.27.4.29 NMAC, on-site supervision of well drilling/plugging is required by the holder of a New Mexico Well Driller License or a NMOSE-registered Drill Rig Supervisor. The New Mexico licensed Well Driller shall ensure that well drilling activities are completed in accordance with 19.27.4.29, 19.27.4.30 and 19.27.4.31 NMAC. However, pursuant to 72-12-12 NMSA 1978 and 19.27.4.8 NMAC, a driller's license is not required for the construction of a driven well with an outside casing diameter of 2 $\frac{3}{8}$  inches or less and that does not require the use of a drill rig (e.g., auger) for installation. This exemption is not applicable to well plugging.
7. The permittee has not stated whether artesian conditions are likely to be encountered at the proposed well/borehole location(s). However, if artesian conditions are encountered during drilling, all rules and regulations pertaining to the drilling and casing and plugging of artesian wells shall be followed.
8. A Well Record documenting the as-built well construction and materials used shall be filed for each of the new wells in accordance with Subsection N of 19.27.4.29 NMAC. **Well Records shall be filed with the State Engineer (NMOSE District V, 100 Gossett Drive, Suite A, Aztec, NM, 87410) within 30 days after completion of the well(s).** Well installation(s) shall be complete and the well record(s) filed no later than one year from the date of approval of this permit.
9. If the required Well Record documentation is not received within one year of the date of permit approval, this permit will automatically expire.
10. When the permittee receives approval or direction to permanently abandon the well(s)/borehole(s) covered by this permit, plugging shall be performed by a New Mexico licensed well driller. The well(s)/borehole(s) shall be plugged pursuant to Subsection C of 19.27.4.30 NMAC using the following method, unless an alternate plugging method has been proposed by or on behalf of the well owner and approved by the NMOSE. If a well/borehole has encountered artesian conditions, a Well Plugging Plan of Operations shall be submitted and

NMOSE approval obtained *prior* to the initiation of *any* well plugging activities concerning artesian wells. Additionally, if the following standardized plugging sealant is not appropriate for use due to incompatibility with the water quality or any soil and water contaminants encountered, a Well Plugging Plan of Operations shall be submitted and NMOSE approval obtained *prior* to the initiation of *any* well plugging activities.

- a. Obstructions in a well/borehole shall be identified and removed if possible. If an obstruction cannot be removed, the method used to grout below and around the obstruction shall be described in detail in the plugging record.
- b. Prior to plugging, calculate the theoretical volume of sealant needed for abandonment of the well/borehole based on the actual measured pluggable depth of the well/borehole and the volume factor for the casing/borehole diameter. Compare the actual volume of sealant placed in the well/borehole with the theoretical volume to verify the actual volume of sealant is equal to or exceeds the theoretical volume.
- c. Portland Type I/II cement shall be used for the plugging sealant. The water mixed with the cement to create the plugging sealant shall be potable water or of similar quality. Portland cement has a fundamental water demand of 5.2 gallons of water per 94-lb sack of cement. Up to a maximum of 6.0 gallons per 94-lb sack is acceptable to allow for greater pumpability.

Pure bentonite powder ("90 barrel yield") is allowed as a cement additive by NMOSE and American Water Works Association (AWWA) guidelines. If a bentonite additive is used, the following rates and mixing guidelines shall be followed. For a rate or a mixing procedure other than that provided below, the NMOSE District V office must be contacted for pre-approval. Neither granular bentonite nor extended-yield bentonite shall be mixed with cement for the purpose of this plugging activity. When supplementing a cement slurry with bentonite powder, water demand for the mix increases at a rate of approximately 0.65 gallon of water for each 1% increment of bentonite bdwc (by dry weight cement) above the stated base water demand of 5.2 gallons water per 94-lb sack of cement for neat cement. Bentonite powder must be hydrated separately with its required increment of water before being mixed into the wet neat cement. If water is otherwise added to the combination of dry ingredients or the dry bentonite is blended into wet cement, the alkalinity of the cement will restrict the yield of the bentonite powder, resulting in excess free water in the slurry and excessive cement shrinkage upon curing.

- d. Placement of the sealant within the well/borehole shall be by pumping through a tremie pipe extended to near the bottom of the well/borehole and kept below the top of the slurry column (i.e., immersed in the slurry) as the well/borehole is plugged from bottom upwards in a manner that displaces the standing water column.
- e. Prior to, or upon completion of plugging, the well casing may be cut-off below grade as necessary to allow for approved construction onsite, provided a minimum six-inch thickness of reinforced abandonment plugging sealant or concrete completely covers the top of the cut-off casing. Any remaining void to the surface may be filled with native soil, concrete, or asphalt as needed to match the surrounding surface material and blended with the surface topography to prevent ponding.
- f. **Within 30 days after completion of well/borehole plugging, a complete Plugging Record shall be filed with the State Engineer in accordance with Paragraph (3) of Subsection C of 19.27.4.30 NMAC for each well/boring plugged. The Well Plugging Record(s) shall be filed with the State Engineer at the NMOSE District V Office, 100**

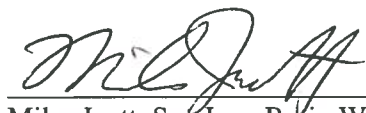
Gossett Drive, Suite A, Aztec, NM 87410. The required well plugging record form is available at <https://www.ose.state.nm.us/Statewide/wdForms.php>.

11. In accordance with Subsection C of 19.27.4.30 NMAC, a well/borehole that does not encounter groundwater may be immediately plugged by filling with drill cuttings or clean native fill to within 10 feet of land surface and by plugging the remaining 10 feet to the land surface with a sealant approved by the Office of the State Engineer. A Plugging Record shall be filed with the State Engineer as described above.
12. Should another regulatory agency sharing jurisdiction of the project authorize, or by regulation require, more stringent requirements than stated herein, the more stringent procedure should be followed. These, among others, may include provisions regarding pre-authorization to proceed, type of methods and materials used, inspection, or prohibition of free discharge of any fluid or other material to or from the well that is related to the drilling and/or monitoring process.
13. Pursuant to 72-12-3 NMSA 1978, the applicant may or may not have provided written documentation with the application, which the applicant claims as confirmation that access has been granted for the aforementioned well(s) to be located on property owned by someone other than the well owner/applicant. NMOSE approval of this permit in no way infers the right of access to land not owned by the well owner/applicant.
14. The State Engineer retains jurisdiction of this permit.

The application for drilling well(s) SJ-4534 POD1-POD6 without a water right, submitted on May 27, 2022, is hereby approved with the aforesaid conditions applied, when signed by an authorized designee of the State Engineer:

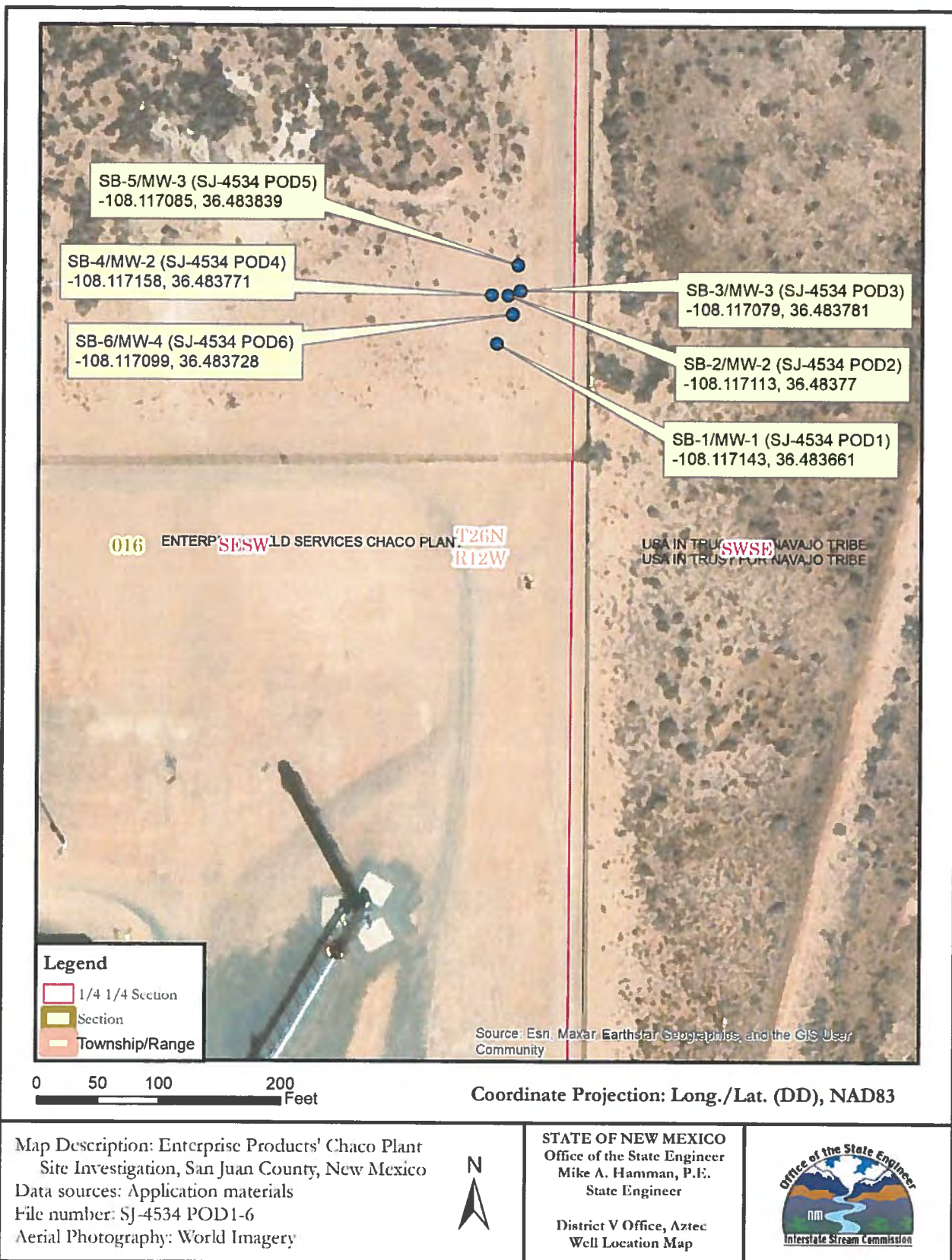
Witness my hand and seal this 14<sup>th</sup> day of June, A.D. 2022.  
Mike A. Hamman, P.E., State Engineer

By:



Miles Juett, San Juan Basin Watermaster  
District V Office, Water Rights Division





## OFFICE OF THE STATE ENGINEER/INTERSTATE STREAM COMMISSION – AZTEC OFFICE

OFFICIAL RECEIPT NUMBER: 5 - **7075** DATE: 6-1-2022 FILE NO.: TBD

TOTAL: 30.00 RECEIVED: thirty DOLLARS ☒ CASH: ☐ CHECK NO.: 109470

PAYOR: Enterprise ADDRESS: 5796 vs Hwy 104

CITY: Farmington STATE: NM ZIP: 87401 RECEIVED BY: MS

INSTRUCTIONS: Indicate the number of actions to the left of the appropriate type of filing. Complete the receipt information. **Original** to payor; **pink** copy to Program Support/ASD; **yellow** copy remains in district office; and **goldenrod** copy to accompany application being filed. If a mistake is made, void the original and all copies and submit to Program Support/ASD as part of the daily deposit.

**A. Ground Water Filing Fees**

1. Change of Ownership of Water Right	\$ 2.00
2. Application to Appropriate or Supplement Domestic 72-12-1 Well	\$ 125.00
3. Application to Repair or Deepen 72-12-1 Well	\$ 75.00
4. Application for Replacement 72-12-1 Well	\$ 75.00
5. Application to Change Purpose of Use 72-12-1 Well	\$ 75.00
6. Application for Stock Well/Temp. Use	\$ 5.00

7. Application to Appropriate Irrigation, Municipal, or Commercial Use	\$ 25.00
8. Declaration of Water Right	\$ 1.00
9. Application for Supplemental Non 72-12-1 Well	\$ 25.00
10. Application to Change Place or Purpose of Use Non 72-12-1 Well	\$ 25.00
11. Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Ground Water	\$ 50.00
12. Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Ground Water	\$ 50.00
13. Application to Change Point of Diversion of Non 72-12-1 Well	\$ 25.00
14. Application to Repair or Deepen Non 72-12-1 Well	\$ 5.00

15. Application for Test, Expl. Observ. Well	\$ 5.00
16. Application for Extension of Time	\$ 25.00
17. Proof of Application to Beneficial Use	\$ 25.00
18. Notice of Intent to Appropriate	\$ 25.00

**B. Surface Water Filing Fees**

1. Change of Ownership of a Water Right	\$ 5.00
2. Declaration of Water Right	\$ 10.00
3. Amended Declaration	\$ 25.00
4. Application to Change Point of Diversion and Place and/or Purpose of Use from Surface Water to Surface Water	\$ 200.00
5. Application to Change Point of Diversion and Place and/or Purpose of Use from Ground Water to Surface Water	\$ 200.00
6. Application to Change Point of Diversion	\$ 100.00
7. Application to Change Place and/or Purpose of Use	\$ 100.00
8. Application to Appropriate	\$ 25.00
9. Notice of Intent to Appropriate	\$ 25.00
10. Application for Extension of Time	\$ 50.00
11. Supplemental Well to a Surface Right	\$ 100.00
12. Return Flow Credit	\$ 100.00
13. Proof of Completion of Works	\$ 25.00
14. Proof of Application of Water to Beneficial Use	\$ 25.00
15. Water Development Plan	\$ 100.00
16. Declaration of Livestock Water Impoundment	\$ 10.00
17. Application for Livestock Water Impoundment	\$ 10.00

**C. Well Driller Fees**

1. Application for Well Driller's License	\$ 50.00
2. Application for Renewal of Well Driller's License	\$ 50.00

**D. Reproduction of Documents**

@ 25¢/copy	\$
Map(s)	\$

**E. Certification**

	\$
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**F. \*Credit Card Convenience Fee**

	\$
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**G. Other**

	\$
--	----

**Comments:**

be new MWS @  
Enterprise Field Services  
Chase Plant

All fees are non-refundable.



# Appendix H



## *Regulatory Correspondence*



Practical Solutions for a Better Tomorrow

**From:** [Long, Thomas](#)  
**To:** [Brittany Hall](#)  
**Subject:** FW: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264  
**Date:** Monday, May 23, 2022 2:17:52 PM

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**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

FYI

Thomas J. Long  
Senior Environmental Scientist  
Enterprise Products Company  
614 Reilly Ave.  
Farmington, New Mexico 87401  
505-599-2286 (office)  
505-215-4727 (Cell)  
[tjlong@eprod.com](mailto:tjlong@eprod.com)



---

**From:** Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>  
**Sent:** Thursday, May 5, 2022 10:55 AM  
**To:** Long, Thomas <tjlong@eprod.com>  
**Cc:** Stone, Brian <bmstone@eprod.com>; Tami Knight <TKnight@envirotech-inc.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>  
**Subject:** RE: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

[Use caution with links/attachments]

In lieu of Enterprise's pro-active approach and submittal of the appropriate site assessment documentation regarding this incident, your request for a 90 day extension beyond the 04/26/2022 remediation due date is approved. In addition, the initial proposed remedial action is verbally approved. Enterprise must submit the finalized remediation plan through the C-141 portal as soon as practicable (30 days maximum from this correspondence) with the necessary documentation (e.g. safety data sheet for H<sub>2</sub>O<sub>2</sub>, application technique, etc.) to support the future activities.

The updated remediation due date is now 07/29/2022.

According to our records, this is an initial time extension request.

Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals, weekly/monthly/quarterly/semi-annual/annual, or final closure reports. Correspondence reporting requirements may include, but not limited to, notifications for sampling or drilling event(s), and request for time extension(s) or variance(s).

If you have any questions, please contact me via email at your convenience.

Thanks again

Regards,

**Nelson Velez** • Environmental Specialist - Adv  
Environmental Bureau | EMNRD - Oil Conservation Division  
1000 Rio Brazos Road | Aztec, NM 87410  
(505) 469-6146 | [nelson.velez@state.nm.us](mailto:nelson.velez@state.nm.us)

Hrs.: 7:00–11:00 am & 12:00–3:30 pm Mon.–Thur.  
7:00–11:00 am & 12:00–4:00 pm Fri.

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**From:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Sent:** Thursday, May 5, 2022 8:22 AM  
**To:** Velez, Nelson, EMNRD <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>; Tami Knight <[TKnight@envirotech-inc.com](mailto:TKnight@envirotech-inc.com)>  
**Subject:** RE: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

Nelson,

This email is a time extension request of 90 days to continue the delineation and remediation activities associated with the Chaco Plant Produced Water release that occurred on January 26, 2022. To date, Enterprise has been remediating the release by contaminant mass removal. The current excavation is approximately 25 feet long by 20 feet wide by 25 feet deep. Approximately 500 cubic yards of hydrocarbon contaminated soil has been excavated and transported to a NMOCD approved landfarm facility for proper disposal. A majority of the release has been remediated to the NMOCD Tier I remediation standards. Two soil samples (CS-45 and CS-46) exhibit contaminant concentrations exceeding the NMOCD Tier I remediation standards. These soil samples were collected from the capillary fringe/smear zone located approximately 22 to 25 feet below ground surface. Please see the attachment for analytical results and a map illustrating where soil samples exceed the Tier I remediation standards. Because contaminant concentrations exceeding Tier I standards only exist in the capillary fringe/smear zone with approximately 22 feet of clean overburden material, contaminant mass removal by excavating would not continue to be a

practicable remediation method. Enterprise proposes an alternate remediation approach. Enterprise requests to apply a hydrogen peroxide solution to the excavation side walls and then backfill the excavation with clean fill material. Upon completion, Enterprise proposes to install soil borings and/or groundwater monitoring wells utilizing a hollow stem augur drilling rig in an effort to continue delineation and remediation activities. Please acknowledge acceptance of this time extension request and alternate remediation approach. If you have any questions, please call or email.

Thomas J. Long  
Senior Environmental Scientist  
Enterprise Products Company  
614 Reilly Ave.  
Farmington, New Mexico 87401  
505-599-2286 (office)  
505-215-4727 (Cell)  
[tjlong@eprod.com](mailto:tjlong@eprod.com)



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**From:** Long, Thomas  
**Sent:** Wednesday, April 27, 2022 2:06 PM  
**To:** 'Velez, Nelson, EMNRD' <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>; [tknight@envirotech-inc.com](mailto:tknight@envirotech-inc.com); Tami Knight <[TKnight@envirotech-inc.com](mailto:TKnight@envirotech-inc.com)>  
**Subject:** RE: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

Nelson,

This email is a notification that Enterprise will be collecting soil samples for laboratory analysis tomorrow April 28, 2022 at 3:00 p.m. Unfortunately, we were not ready to collect the samples today. If you have any questions, please call or email.

Thomas J. Long  
Senior Environmental Scientist  
Enterprise Products Company  
614 Reilly Ave.  
Farmington, New Mexico 87401  
505-599-2286 (office)  
505-215-4727 (Cell)  
[tjlong@eprod.com](mailto:tjlong@eprod.com)



---

**From:** Velez, Nelson, EMNRD <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Sent:** Wednesday, April 27, 2022 10:11 AM  
**To:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>; [tknight@envirotech-inc.com](mailto:tknight@envirotech-inc.com); Tami Knight <[TKnight@envirotech-inc.com](mailto:TKnight@envirotech-inc.com)>  
**Subject:** RE: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

[Use caution with links/attachments]

Your variance to modify the sampling notification per 19.15.29.12D (1a) NMAC is approved. If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC. For whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the final closure report submittal.

**Nelson Velez** • Environmental Specialist - Adv  
Environmental Bureau | EMNRD - Oil Conservation Division  
1000 Rio Brazos Road | Aztec, NM 87410  
(505) 469-6146 | [nelson.velez@state.nm.us](mailto:nelson.velez@state.nm.us)

Hrs.: 7:00-11:00 am & 12:00-3:30 pm Mon.-Thur.  
7:00-11:00 am & 12:00-4:00 pm Fri.

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**From:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Sent:** Wednesday, April 27, 2022 7:43 AM  
**To:** Velez, Nelson, EMNRD <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>; [tknight@envirotech-inc.com](mailto:tknight@envirotech-inc.com); Tami Knight <[TKnight@envirotech-inc.com](mailto:TKnight@envirotech-inc.com)>  
**Subject:** RE: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

Nelson,

Please find the attached site map and lab report for the Chaco Plant Produced Water Spill excavation. All sample results are below the NMOC Tier I remediation standards. The sample identifications are for upper and lower intervals (example CS-30/CS-31) to meet the 200 square foot

sampling requirement. We still have to clean out the bottom/base and sample it. We plan on doing that this afternoon and I am requesting another variance request for the required 48 hour sample notification, as that we would like to sample around 3:00 p.m. Enterprise will be collecting soil samples on the base every 200 square feet as per NMCOD regulation. If we do not sample the base this afternoon, it will be Friday afternoon and I will send a follow up notification. Please acknowledge acceptance of this variance request. If you have any questions, please call or email.

Thomas J. Long  
Senior Environmental Scientist  
Enterprise Products Company  
614 Reilly Ave.  
Farmington, New Mexico 87401  
505-599-2286 (office)  
505-215-4727 (Cell)  
[tjlong@eprod.com](mailto:tjlong@eprod.com)



---

**From:** Velez, Nelson, EMNRD <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Sent:** Thursday, April 21, 2022 10:58 AM  
**To:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>; [tknight@envirotech-inc.com](mailto:tknight@envirotech-inc.com)  
**Subject:** RE: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

[Use caution with links/attachments]

If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC. For whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the final closure report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposal and/or final closure reports.

Correspondence required to be included in reports may include, but not limited to, time extension requests, liner inspection notifications, sample event notifications, spill/release/fire notifications, and variance requests.

Thanks again.

Regards



**Nelson Velez** • Environmental Specialist - Adv  
Environmental Bureau | EMNRD - Oil Conservation Division  
1000 Rio Brazos Road | Aztec, NM 87410  
(505) 469-6146 | [nelson.velez@state.nm.us](mailto:nelson.velez@state.nm.us)

Hrs.: 7:00–11:00 am & 12:00–3:30 pm Mon.–Thur.  
7:00–11:00 am & 12:00–4:00 pm Fri.

---

**From:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Sent:** Thursday, April 21, 2022 9:48 AM  
**To:** Velez, Nelson, EMNRD <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>; [tknight@envirotech-inc.com](mailto:tknight@envirotech-inc.com)  
**Subject:** FW: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

Nelson,

This email is a follow up to our phone conversation earlier. Enterprise requests a variance for the required 48 hour sample notification. Enterprise requests to sample the entire excavation to establish a baseline. Enterprise will be collecting soil samples every 200 square feet as per NMCOD regulation. Please acknowledge acceptance of this variance request. If you have any questions, please call or email.

Thomas J. Long  
Senior Environmental Scientist  
Enterprise Products Company  
614 Reilly Ave.  
Farmington, New Mexico 87401  
505-599-2286 (office)  
505-215-4727 (Cell)  
[tjlong@eprod.com](mailto:tjlong@eprod.com)



---

**From:** Long, Thomas  
**Sent:** Thursday, April 14, 2022 10:55 AM  
**To:** 'Velez, Nelson, EMNRD' <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>  
**Subject:** RE: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

Nelson,

I am sending notification today because tomorrow is a holiday for Enterprise. This email is a notification that Enterprise will be collecting soil samples for laboratory analysis at the Chaco Plant Produced Water Spill excavation Monday, April 18, 2022 at 3:00 p.m. If you have any questions,

please call or email.

Thomas J. Long  
Senior Environmental Scientist  
Enterprise Products Company  
614 Reilly Ave.  
Farmington, New Mexico 87401  
505-599-2286 (office)  
505-215-4727 (Cell)  
[tjlong@eprod.com](mailto:tjlong@eprod.com)



---

**From:** Velez, Nelson, EMNRD <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Sent:** Friday, April 8, 2022 7:39 AM  
**To:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>  
**Subject:** RE: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

[Use caution with links/attachments]

Thank you for the notice. If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC. For whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the final closure report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposal and/or final closure reports.

Correspondence required to be included in reports may include, but not limited to, time extension requests, liner inspection notifications, sample event notifications, spill/release/fire notifications, and variance requests.

Thanks again.

Regards

**Nelson Velez** • Environmental Specialist - Adv  
Environmental Bureau | EMNRD - Oil Conservation Division  
1000 Rio Brazos Road | Aztec, NM 87410  
(505) 469-6146 | [nelson.velez@state.nm.us](mailto:nelson.velez@state.nm.us)

Hrs.: 7:00-11:00 am & 12:00-3:30 pm Mon.-Thur.  
7:00-11:00 am & 12:00-4:00 pm Fri.

---

**From:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Sent:** Friday, April 8, 2022 7:37 AM  
**To:** Velez, Nelson, EMNRD <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>  
**Subject:** [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Nelson,

This email is a notification that Enterprise will be collecting soil samples for laboratory analysis at the Chaco Plant Produced Water Spill excavation Monday, April 11, 2022 at 10:00 a.m. If you have any questions, please call or email.

Thomas J. Long  
Senior Environmental Scientist  
Enterprise Products Company  
614 Reilly Ave.  
Farmington, New Mexico 87401  
505-599-2286 (office)  
505-215-4727 (Cell)  
[tjlong@eprod.com](mailto:tjlong@eprod.com)



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This message (including any attachments) is confidential and intended for a specific individual and purpose. If you are not the intended recipient, please notify the sender immediately and delete this message.



ENTERPRISE PRODUCTS PARTNERS L.P.  
ENTERPRISE PRODUCTS HOLDINGS LLC  
(General Partner)

ENTERPRISE PRODUCTS OPERATING LLC

July 08, 2025

Submitted online via OCD E-Permitting:

<https://wwwapps.emnrd.state.nm.us/OCD/OCDPermitting/default.aspx>

Mr. Michael Buchanan  
New Mexico Energy, Minerals and Natural Resources Department  
5200 Oakland Ave NE, Suite B  
Albuquerque, NM 87113

**Re: Chaco Plant Produced Water Spill Closure Report (Ensolum, July 02, 2025)**  
**Enterprise Field Services, LLC**  
**P.O Box 4324, Houston TX 77210-4324**  
**Chaco Plant, San Juan County, NM**  
**Unit Letter E, Sec 16 T26N R12W**  
**Incident Number: NAPP2202747264**

Dear Mr. Buchanan:

Enterprise Products Operating LLC (Enterprise), on behalf of Enterprise Field Services, LLC, is pleased to submit to the New Mexico Energy, Minerals and Natural Resources Department (EMNRD) Oil Conservation Division (OCD) an electronic copy of the above referenced report prepared by Ensolum, LLC (Ensolum) dated July 2, 2025. The report is associated with the Enterprise Chaco Plant produced water spill that was identified on January 6, 2022 from a frozen valve on a riser connected to the three-phase separator water tanks on the Chaco Plant in San Juan County, New Mexico (hereinafter referred to as "the Site").

Should you have any questions, comments, or concerns, or need additional information regarding this Site, please contact Valerie Phipps via email at [vhipps@eprod.com](mailto:vhipps@eprod.com), or via phone at 713-863-5060.

Sincerely,

Handwritten signature of Valerie Phipps in blue ink.

Valerie Phipps  
Staff Engineer, Environmental

Handwritten signature of Tucker Jacobson in blue ink.

Tucker Jacobson  
Senior Manager, Environmental

ec: NM OCD – Aztec District – Nelson Velez <[nelson.velez@emnrd.nm.gov](mailto:nelson.velez@emnrd.nm.gov)>  
Ensolum – Mr. Dan Moir <[dmoir@ensolum.com](mailto:dmoir@ensolum.com)>



## CLOSURE REPORT

Property:

**Chaco Plant Produced Water Spill**  
Unit Letter E, Sec 16 T26N R12W  
San Juan County, New Mexico

**New Mexico Oil Conservation Division (NMOCD) Incident Number NAPP2202747264**

**July 2, 2025**

Ensolum Project No. 05B1226019

Prepared for:

**Enterprise Field Services, LLC**  
P.O. Box 4324  
Houston, Texas 77210-4324

Prepared by:

Hadlie Green  
Project Geologist

Daniel R. Moir, PG (licensed in WY & TX)  
Senior Managing Geologist

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## 1.0 INTRODUCTION

### 1.1 Site Description & Background

<b>Operator:</b>	Enterprise Field Services, LLC / Enterprise Products Operating LLC (Enterprise)
<b>Site Name:</b>	Chaco Plant Produced Water Spill
<b>NMOCD Incident Number</b>	NAPP2202747264
<b>Location:</b>	36.484021°, -108.11705° Unit Letter E, Section 16, Township 26 North, Range 12 West San Juan County, New Mexico
<b>Property:</b>	Owned by Enterprise Field Services, LLC (Parcel Number 2070154396132)
<b>Regulatory:</b>	New Mexico Oil Conservation Division (NMOCD)

On January 6, 2022, a release of produced water caused by a frozen valve on a riser connected to the three-phase separator water tanks was identified by Enterprise personnel. Enterprise subsequently isolated and repaired the valve and reported the release to the NMOCD on January 27, 2022, and the release was assigned Incident Number NAPP2202747264.

### 1.2 Project Objective

The primary objective of the closure activities was to reduce constituent of concern (COC) concentrations in the on-site soil to below the applicable NMOCD Closure Criteria.

## 2.0 CLOSURE CRITERIA

The Site is subject to regulatory oversight by the NMOCD. Ensolum, LLC (Ensolum) referenced New Mexico Administrative Code (NMAC) 19.15.29 *Releases*, which establishes investigation and abatement action requirements for oil and gas release sites in the State of New Mexico that are subject to reporting and/or corrective action, during the evaluation and remediation of the Site. The appropriate Closure Criteria for sites are determined using the siting requirements outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC. Ensolum utilized the general Site characteristics and information available from state agency databases and federal agency geospatial databases to determine the appropriate Closure Criteria for the Site. Results from the characterization are summarized below and detailed in the NMOCD permitting portal Form C-141 Site Characterization section.

- The New Mexico Office of the State Engineer (NMOSE) tracks the usage and assignment of water rights and water well installations and records this information in the Water Rights Reporting System (WRRS) database. Water wells and other points of diversion (PODs) are each assigned POD numbers in the database (which is searchable and includes an interactive map). There are four PODs (SJ-04463-POD1/EW-1 through POD4/EW-4) located inside the Chaco Plant facility. The shallowest depth to water within these PODs is approximately 12 feet below ground surface (bgs). Six PODs (SJ-04534-POD1 through POD6) associated with this Site were permitted. Groundwater was encountered beneath the Site at approximately 47.5 feet bgs. All wells used for depth to groundwater determination are presented on **Figure 1** and the associated well records are included in **Appendix C**.
- No cathodic protection wells (CPWs) were identified in the NMOCD imaging database in the same Public Land Survey System (PLSS) section as the Site or in the adjacent PLSS sections.

- The Site is not located within 300 feet of a NMOCD-defined continuously flowing watercourse or significant watercourse.
- The Site is not located within 200 feet of a lakebed, sinkhole, or playa lake.
- The Site is not located within 300 feet of a permanent residence, school, hospital, institution, or church.
- Springs, or private domestic freshwater wells used by less than five households for domestic or stock watering purposes were not identified within 500 feet of the Site.
- Freshwater wells or springs were not identified within 1,000 feet of the Site.
- The Site is not located within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to New Mexico Statutes Annotated (NMSA) 1978, Section 3-27-3.
- Based on information identified in the U.S. Fish & Wildlife Service National Wetlands Inventory Wetlands Mapper, the Site is not within 300 feet of a wetland.
- Based on information identified in the New Mexico Mining and Minerals Division's Geographic Information System (GIS) Maps and Mine Data database, the Site is not within an area overlying a subsurface mine.
- The Site is not located within an unstable area per Paragraph (6) of Subsection U of 19.15.2.7 NMAC.
- Based on information provided by the Federal Emergency Management Agency (FEMA) National Flood Hazard Layer (NFHL) geospatial database, the Site is not within a 100-year floodplain.

Based on available information, the applicable Closure Criteria for soils remaining in place at the Site include:

Tier I Closure Criteria for Soils Impacted by a Release		
Constituent <sup>1</sup>	Method	Limit
Chloride	EPA 300.0 or SM4500 Cl B	600 mg/kg
TPH (GRO+DRO+MRO) <sup>2</sup>	EPA SW-846 Method 8015	100 mg/kg
BTEX <sup>3</sup>	EPA SW-846 Method 8021 or 8260	50 mg/kg
Benzene	EPA SW-846 Method 8021 or 8260	10 mg/kg

<sup>1</sup> – Constituent concentrations are in milligrams per kilogram (mg/kg).

<sup>2</sup> – Total Petroleum Hydrocarbons (TPH). Gasoline Range Organics (GRO). Diesel Range Organics (DRO). Motor Oil/Lube Oil Range Organics (MRO).

<sup>3</sup> – Benzene, Toluene, Ethylbenzene, and Total Xylenes (BTEX).

TPH – total petroleum hydrocarbons

GRO – gasoline range organics

DRO – diesel range organics

MRO – motor oil range organics

EPA- United States Environmental Protection Agency

mg/kg – milligrams per kilogram

### 3.0 SOIL REMEDIATION ACTIVITIES

On January 24, 2022, Enterprise initiated activities to repair the valve associated with the separator and remediate potential petroleum hydrocarbon impact resulting from the release. On March 15, 2022, Ensolum performed the initial excavation activities at the Site; however, these activities were postponed due to possible asbestos associated with buried construction materials. Asbestos was subsequently confirmed, and the environmental consulting oversight was transferred to Envirotech, Inc. (Envirotech).

On April 18, 2022, Envirotech resumed remediation activities. Following the cessation of soil remediation activities and off-site disposal of the removed hydrocarbon and asbestos affected soils, Envirotech collected 17 confirmation soil samples from the excavation. Soil exhibiting contaminants of concern (COC) exceedances was identified at the northeast portion of the north sidewall and at the west sidewall. On May 16, 2022, with verbal approval from the NMOCD, the affected walls were treated with a hydrogen peroxide solution and the excavation was backfilled with imported, clean soils (*Chaco Plant Produced Water Spill Remediation and Groundwater Investigation Report*, Envirotech, July 27, 2022). According to Envirotech, an application of 50% hydrogen peroxide solution to the excavation utilizing a hose and sprayer, was completed to the affected sidewalls.

During June 2022, five additional soil borings (SB-1 through SB-5) were advanced at the Site by Envirotech. Analytical results for the soil samples collected from the soil borings indicated COC concentrations were below the applicable NMOCD Closure Criteria. Observations from the soil borings were logged on lithologic soil sampling logs, which are included in **Appendix D**.

The final excavation measured approximately 25 feet long and 20 feet wide at the maximum extents. The maximum depth of the excavation measured approximately 25 feet bgs. Approximately 631 cubic yards of petroleum hydrocarbon and asbestos-affected soils were transported to the Envirotech landfarm in San Juan County, New Mexico for disposal. The executed C-138 solid waste acceptance forms are provided in **Appendix E**.

**Figure 2** identifies approximate soil sample locations and depicts the approximate dimensions of the excavation with respect to the pipeline (**Appendix A**). Photographic documentation of the field activities is included in **Appendix F**.

### 4.0 SOIL SAMPLING PROGRAM

Envirotech field screened the soil samples from the excavation utilizing a calibrated photo-ionization detector (PID) organic vapor meter (OVM) as well as TPH per United States Environmental Protection Agency (EPA) Method 418.1 using an Infrared Total Oil and Grease (TOG)/ TPH Analyzer to guide excavation extents. Soil samples CS-1 through CS-29 were field screened and directed the ultimate excavation extent. Soil from a test pit as part of the excavation was submitted for laboratory analysis as soil sample CS-13. Analytical results from soil sample CS-13 indicated contaminants were still present and as such, impacted soil in and around soil sample CS-13 was excavated and removed from the Site.

Envirotech's confirmation soil sampling program included the collection of 16 composite soil samples (CS-30 through CS-46) from the excavation for laboratory analysis. The composite samples were comprised of five aliquots each and represent an estimated 200 square foot area or less sample area per guidelines outlined in Section D of 19.15.29.12 NMAC. Hand tools or the excavator bucket were utilized to obtain fresh aliquots from each area of the excavation. Regulatory correspondence is provided in **Appendix G**.

All soil samples were collected and placed in laboratory-prepared glassware. The containers were labeled and sealed using the laboratory-supplied labels and custody seals and were stored on ice in a cooler. The samples were relinquished to the courier for Envirotech Inc. of Farmington, New Mexico, under proper chain-of-custody procedures.

## 5.0 SOIL LABORATORY ANALYTICAL METHODS

The composite soil samples were analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) following United States Environmental Protection Agency (EPA) SW-846 Method 8021; total petroleum hydrocarbons (TPH) – gasoline range organics (GRO) / diesel range organics (DRO) / motor oil range organics (MRO) following EPA SW-846 Method 8015; and chloride following EPA Method 300.0.

The laboratory analytical results are summarized in **Table 1 (Appendix B)**. The laboratory data sheets and executed chain-of-custody forms are provided in **Appendix H**.

## 6.0 SOIL DATA EVALUATION

Ensolum compared the benzene, BTEX, TPH, and chloride laboratory analytical results or laboratory practical quantitation limits (PQLs) / reporting limits (RLs) associated with the composite soil samples (CS-) to the applicable Site Closure Criteria. The laboratory analytical results are summarized in **Table 1 (Appendix B)**.

- The laboratory analytical results for composite soil samples CS-45 and CS-46 indicated benzene concentrations of 17.7 milligrams per kilogram (mg/kg), and 691 mg/kg, respectively, which originally exceeded the NMOCD Closure Criteria. The laboratory analytical results for the other composite soil samples associated with soil remaining at the Site indicated benzene was not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NMOCD Closure Criteria of 10 mg/kg.
- The laboratory analytical results for the composite soil samples CS-45 and CS-46 indicated total BTEX concentrations of 423 mg/kg and 5,650 mg/kg, respectively, which originally exceeded the NMOCD Closure Criteria. The laboratory analytical results for the other composite soil samples associated with soil remaining at the Site indicated total BTEX was not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NMOCD Closure Criteria of 50 mg/kg.
- The laboratory analytical results for composite soil samples CS-45 and CS-46 indicated total combined TPH GRO/DRO/MRO concentrations of 947 mg/kg and 13,100 mg/kg, respectively, which originally exceeded the NMOCD Closure Criteria. The laboratory analytical results for the other composite soil samples associated with soil remaining at the Site indicated total combined TPH GRO/DRO/MRO was not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NMOCD Closure Criteria of 100 mg/kg.
- The laboratory analytical results for the composite soil samples associated with soil remaining at the Site indicated chloride was not present at concentrations greater than the laboratory PQLs/RLs, which are less than the NMOCD Closure Criteria of 600 mg/kg.

Impacted soil was excavated to the maximum extent practicable (MEP) due to the presence of utility lines, unstable soil, and the presence of asbestos containing material that could affect worker safety. On May 16, 2022, with verbal approval from the NMOCD, residually affected hydrocarbon-impacted walls were treated with a hydrogen peroxide solution and the excavation was backfilled with imported, non-waste containing soil (*Chaco Plant Produced Water Spill Remediation and Groundwater Investigation Report*, Envirotech, July 27, 2022).

## 7.0 RECLAMATION

Upon completion of remediation activities, the excavation was backfilled with imported, clean, non-waste containing soil and restored to its original condition. One representative 5-point composite soil sample will be collected from the previously backfilled excavation to confirm compliance with the NMOCD requirements for the reclaimed area to contain non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and TPH concentrations less than 100 mg/kg.

## 8.0 FINDINGS AND RECOMMENDATION

- Impacted soil related to the January 2022 release were excavated to the MEP. Sixteen composite soil samples were collected from the Site. Based on laboratory analytical results, residual benzene, BTEX, and total combined TPH GRO/DRO/MRO exceedances were identified within the excavation extent in the vicinity of asbestos containing materials. The affected walls were treated with a hydrogen peroxide solution with verbal approval from the NMOCD in order to oxidize and breakdown residual hydrocarbons. No chloride exceedances were identified in the remaining soil sampling locations at the Site.
- Approximately 631 cubic yards of petroleum hydrocarbon and asbestos-affected soils were transported to the Envirotech landfarm for disposal/remediation. The excavation was backfilled with imported fill and then contoured to the surrounding topography.

**Based on field observations, laboratory analytical results, and remedial actions associated with the excavation and removal of impacted soil and in-situ treatment of residual in-place impacted soil via hydrogen peroxide,**

- **No additional soil investigation or corrective action appears warranted at this time.**
- **A backfill soil sample will be collected to confirm non-waste containing soil was used for backfill material to comply with reclamation requirements following the remedial efforts.**
- **Groundwater will be assessed to confirm the presence or absence of impacts related to the release.**

## 9.0 STANDARDS OF CARE, LIMITATIONS, AND RELIANCE

### 9.1 Standard of Care

Ensolum's services were performed in accordance with standards customarily provided by a firm rendering the same or similar services in the area during the same time period. Ensolum makes no warranties, express or implied, as to the services performed hereunder. Additionally, Ensolum does not warrant the work of third parties supplying information used in the report (e.g., laboratories, regulatory agencies, or other third parties).

### 9.2 Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-Site activities and other services performed under this scope of work, and it should be noted that this information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, or not present during these services, and Ensolum cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during the investigation. Environmental conditions at other areas or portions of the Site may vary from those encountered

at actual sample locations. Ensolum's findings and recommendation are based solely upon data available to Ensolum at the time of these services.

### **9.3 Reliance**

This report has been prepared for the exclusive use of Enterprise, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the Site) is prohibited without the express written authorization of Enterprise and Ensolum. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions, and limitations stated in the Closure Report and Ensolum's Master Services Agreement. The limitation of liability defined in the agreement is the aggregate limit of Ensolum's liability to the client.

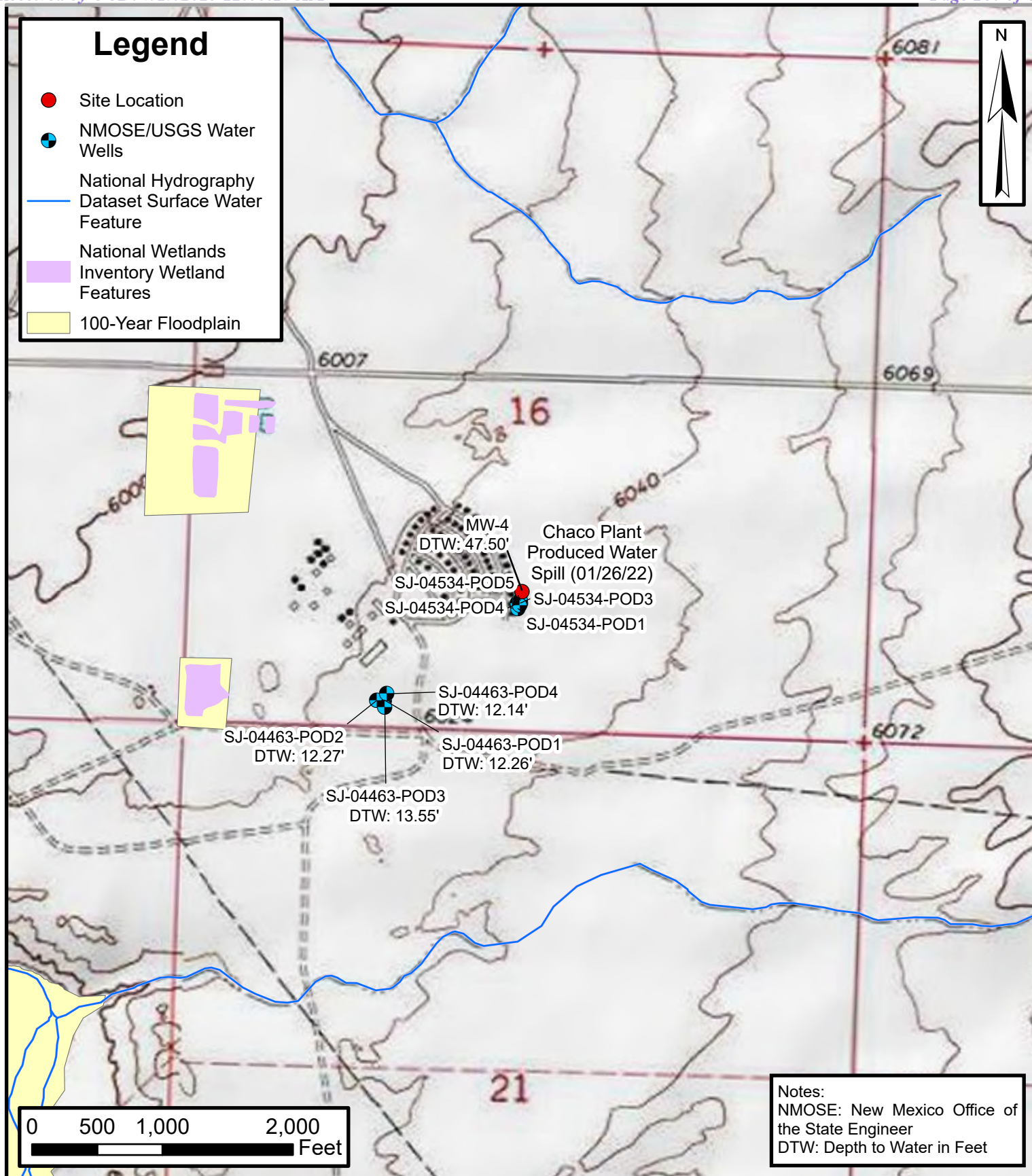




## APPENDIX A

### Figures

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## Site Location Map

Chaco Plant Produced Water Spill  
 Enterprise Field Services, LLC

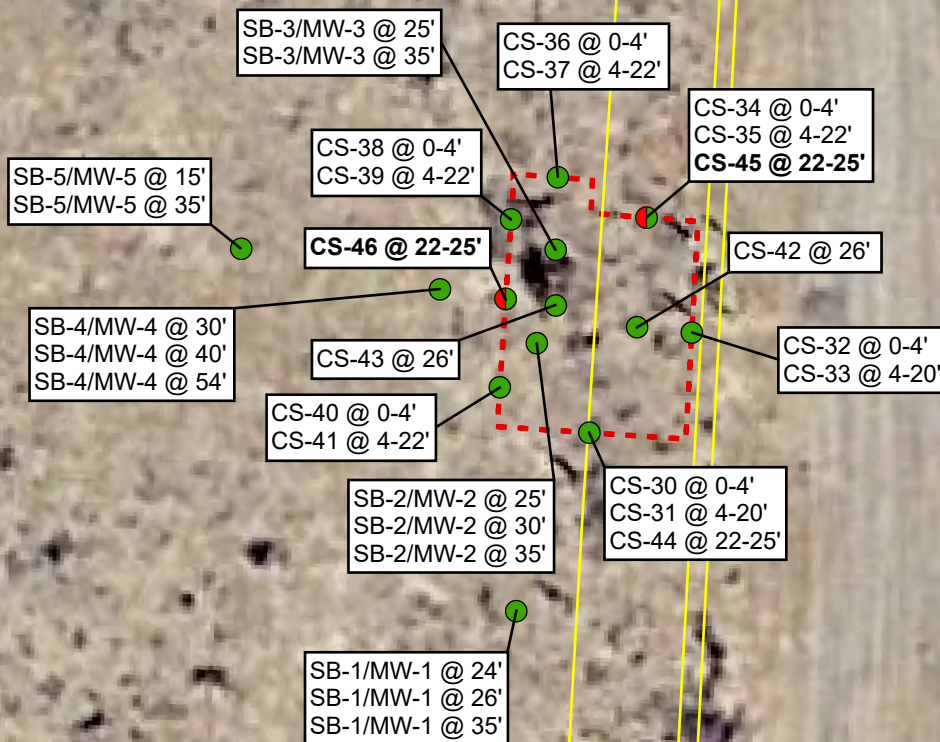
36.484021, -108.11705  
 San Juan County, New Mexico

**FIGURE**  
**1**



## Legend

- 2022 Envirotech Soil Samples in Compliance with NMOCD Closure Criteria
- 2022 Envirotech Soil Samples Initially Exceeding NMOCD Closure Criteria
- Utilities
- - - Excavation Extent



0 10 20 40  
Feet

Notes:  
Sample ID @ Depth Below Ground Surface in Feet  
**Bold:** Indicates Results Initially Exceeded NMOCD Closure Criteria, Areas Treated With Hydrogen Peroxide Solution  
NMOCD: New Mexico Oil Conservation Division



## Site Map

Chaco Plant Produced Water Spill  
Enterprise Field Services, LLC

36.484021, -108.11705  
San Juan County, New Mexico

FIGURE  
**2**



## APPENDIX B

### Table 1 - Soil Sample Analytical Results

---



**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Chaco Plant Produced Water Spill  
 Enterprise Field Services, LLC  
 San Juan County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
<b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Excavation Composite Soil Samples Collected by Envirotech, Inc (2022)</b>										
CS-13*	04/18/2022	22	<b>27.5</b>	<b>606</b>	1,610	<25.0	<50.0	1,610	<b>1,610</b>	<20.0
CS-30	04/21/2022	0 to 4	<0.0250	0.0268	<20.0	<25.0	<50.0	<25.0	ND	<20.0
CS-31	04/21/2022	4 to 20	<0.0250	0.529	<20.0	<25.0	<50.0	<25.0	ND	<20.0
CS-32	04/21/2022	0 to 4	<0.0250	ND	<20.0	<25.0	<50.0	<25.0	ND	31.0
CS-33	04/21/2022	4 to 20	<0.0250	ND	<20.0	<25.0	<50.0	<25.0	ND	<20.0
CS-34	04/21/2022	0 to 4	<0.0250	ND	<20.0	<25.0	<50.0	<25.0	ND	<20.0
CS-35	04/21/2022	4 to 22	<0.0250	ND	<20.0	<25.0	<50.0	<25.0	ND	<20.0
CS-36	04/21/2022	0 to 4	<0.0250	ND	<20.0	<25.0	<50.0	<25.0	ND	29.3
CS-37	04/21/2022	4 to 22	0.300	16.7	48.3	<25.0	<50.0	48.3	48.3	20.2
CS-38	04/21/2022	0 to 4	<0.0250	0.0341	<20.0	<25.0	<50.0	<25.0	ND	<20.0
CS-39	04/21/2022	4 to 22	<0.0250	0.273	<20.0	<25.0	<50.0	<25.0	ND	<20.0
CS-40	04/21/2022	0 to 4	<0.0250	ND	<20.0	<25.0	<50.0	<25.0	ND	<20.0
CS-41	04/28/2022	4 to 22	0.187	0.91	<20.0	<25.0	53.9	53.9	53.9	<20.0
CS-42	04/28/2022	26	0.259	4.31	<20.0	<25.0	<50.0	<25.0	ND	<20.0
CS-43	04/28/2022	26	0.0283	1.14	<20.0	<25.0	<50.0	<25.0	ND	<20.0
CS-44	04/28/2022	22 to 25	0.0305	1.21	<20.0	<25.0	<50.0	<25.0	ND	<20.0
CS-45	04/28/2022	22 to 25	<b>17.7</b>	<b>423</b>	912	35.1	<50.0	947	<b>947</b>	<20.0
CS-46	04/28/2022	22 to 25	<b>691</b>	<b>5,650</b>	13,000	124	<50.0	13,124	<b>13,100</b>	<20.0



**TABLE 1**  
**SOIL SAMPLE ANALYTICAL RESULTS**  
 Chaco Plant Produced Water Spill  
 Enterprise Field Services, LLC  
 San Juan County, New Mexico

Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
<b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Soil Borings/Monitoring Wells Advanced by Envirotech, Inc (2022)</b>										
SB-1/MW-1	06/27/2022	24	<0.0250	ND	<20.0	<25.0	<50.0	<25.0	ND	<20.0
		26	<0.0250	ND	<20.0	<25.0	<50.0	<25.0	ND	<20.0
		35	<0.0250	ND	<20.0	<25.0	<50.0	<25.0	ND	<40.0
SB-2/MW-2	06/27/2022	25	<0.0250	ND	<20.0	<25.0	<50.0	<25.0	ND	<20.0
		30	<0.0250	ND	<20.0	<25.0	<50.0	<25.0	ND	33.9
		35	0.0270	0.0971	<20.0	<25.0	<50.0	<25.0	ND	<20.0
SB-3/MW-3	06/28/2022	25	<0.0250	ND	<20.0	<25.0	<50.0	<25.0	ND	<20.0
		35	<0.0250	ND	<20.0	<25.0	<50.0	<25.0	ND	<20.0
SB-4/MW-4	06/28/2022	30	<0.0250	ND	<20.0	<25.0	<50.0	<25.0	ND	36.0
		40	<0.0250	0.197	<20.0	<25.0	<50.0	<25.0	ND	<20.0
		54	0.140	0.550	<20.0	<25.0	<50.0	<25.0	ND	<20.0

**Notes:**

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

ND: Not Detected above the Practical Quantitation Limits (PQLs) or Reporting Limits (RLs)

NE: Not established

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

\* Soil Sample CS-13 was collected from a test pit and was not utilized for the Closure Criteria.





## APPENDIX C

### Referenced Well Records

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## EW-1 BORING LOG

<b>PROJECT NUMBER</b> 05A1226115	<b>DRILLING DATE</b> HA - 8/25/20	<b>NORTH COORDINATE</b> 36.481646 N
<b>PROJECT NAME</b> Chaco Plant Phase 3 Separator	<b>DRILLING COMPANY</b> Enviro-Drill, Inc	<b>WEST COORDINATE</b> 108.120540 W
<b>CLIENT</b> Enterprise Field Services, LLC	<b>BORING METHOD</b> HA / Hydro-excavation	<b>SURFACE COMPLETION</b> Below Grade
<b>LOCATION</b> San Juan County, NM	<b>TOTAL DEPTH</b> 18.5 ft	<b>LOGGED BY</b> R.DEECHILLY
	<b>CASING DIAMTER</b> 2 inches	<b>SAMPLER</b> R.DEECHILLY

**COMMENTS** A hand auger (HA) was utilized to obtain soil samples during soil excavation activities in August 2020. A temporary well was installed by hydro-excavation during March 2021. During June 2021, Enviro-Drill completed the well as a permanent monitoring well.

PID (ppm)	Samples	Recovery (%)	Water	Depth (ft)	Graphic Log	Material Description	Well Diagram
				1		The soil from 0 to 5 feet was excavated using a hand shovel	
				2			
				3			
				4			
				5			
				6			
120				7			
				8			
728				9			
				10			
1,36	HA-1 @ 11'			11			
				12			
74				13			
				14			
4.3			▽	15			
4.8	HA-1 @ 16'			16			
				17			
				18			
				19			
						TD at 18.5 feet bgs	

## EW-2 BORING LOG

<b>PROJECT NUMBER</b> 05A1226115	<b>DRILLING DATE</b> *HA - 5/21/21, HSA - 5/25/21	<b>NORTH COORDINATE</b> 36.48163 N
<b>PROJECT NAME</b> Chaco Plant 3 Phase Separator	<b>DRILLING COMPANY</b> Enviro-Drill, Inc	<b>WEST COORDINATE</b> 108.12074 W
<b>CLIENT</b> Enterprise Field Services, LLC	<b>BORING METHOD</b> Hollow Stem Auger (HSA)	<b>SURFACE COMPLETION</b> Below Grade
<b>LOCATION</b> San Juan County, NM	<b>TOTAL DEPTH</b> 20 ft	<b>LOGGED BY</b> R.DEECHILLY
	<b>CASING DIAMTER</b> 2 inches	<b>SAMPLER</b> R.DEECHILLY

**COMMENTS** The borehole was hydro-excavated to 10 feet. A hand auger (HA) was utilized to obtain shallow soil samples during hydro-excavation activities. The boring logs from the HA and HSA activities were then combined.

PID (ppm)	Samples	Recovery (%)	Water	Depth (ft)	Graphic Log	Material Description	Well Diagram
0				1			
0				2			
0				3		Silty Clay: moderate yellowish brown to dark yellowish brown and light olive gray, occasional small areas of discoloration (10YR 8/2 very pale orange), moist, soft to stiff clay, no odor	
0				4			
0	EW-2 @ 6'			5			
0				6		Silty Sand to Sand: moderate yellowish brown to dark yellowish brown, occasional small areas of discoloration (10YR 8/2 very pale orange), trace of clay at 6 feet, fine to coarse sand, moist, no odor	
0				7			
0				8			
0				9			
0				10			
1.2				11		Sand, Silt, Clay: dark yellowish brown, soft clay, fine, moist, no odor	
0.5				12			
0.7				13		Sand to Silty Sand: moderate yellowish brown, coarse sand from 13-14 feet, fine sand 14-16 feet, moist, wet at 16 feet, no odor	
1.3	EW-2 @ 15'-16'			14			
1.2				15			
1.2				16		Sand: moderate yellowish brown, fine to medium sand, moist 16-18 feet, wet 18-19 feet, slight odor	
1.2	EW-2 @ 18'-19'			17			
1.1				18			
				19		Dark yellowish brown to light olive gray to medium dark gray. Not sampled. Sampler plugged. Low Recovery	
				20		TD at 20 feet bgs	

## EW-3 BORING LOG

<b>PROJECT NUMBER</b> 05A1226115	<b>DRILLING DATE</b> HA - 5/21/21, HSA - 5/25/21	<b>NORTH COORDINATE</b> 36.48152 N
<b>PROJECT NAME</b> Chaco Plant 3 Phase Separator	<b>DRILLING COMPANY</b> Enviro-Drill, Inc	<b>WEST COORDINATE</b> 108.12051 W
<b>CLIENT</b> Enterprise Field Services, LLC	<b>BORING METHOD</b> Hollow Stem Auger (HSA)	<b>SURFACE COMPLETION</b> Below Grade
<b>LOCATION</b> San Juan County, NM	<b>TOTAL DEPTH</b> 20 ft	<b>LOGGED BY</b> R.DEECHILLY
	<b>CASING DIAMTER</b> 2 inches	<b>SAMPLER</b> R.DEECHILLY

**COMMENTS** The borehole was hydro-excavated to 10 feet. A hand auger (HA) was utilized to obtain shallow soil samples during hydro-excavation activities. The boring logs from the HA and HSA activities were then combined.

PID (ppm)	Samples	Recovery (%)	Water	Depth (ft)	Graphic Log	Material Description	Well Diagram
		0100					
0				1			
				2		Silty Sand: moderate yellowish brown to dark yellowish brown, minor oxidation and gravel, moist, no odor	
				3			
0.1				4		Silty Clay: dark yellow brown to light olive gray, traces of oxidation, stiff clay, moist, no odor	
				5			
4.0	EW-3 @ 6'			6		Silty Sand: some clay at 8 feet, medium dark gray at 6 feet, dark yellowish brown to light olive gray to olive brown, occasional small areas of discoloration (10YR 8/2 very pale orange) at 8 feet, fine sand, stiff clay, moist, odor	
				7			
2.5				8			
				9			
1.0				10		Silty Clay: moderate yellowish brown to dark yellowish brown to light olive gray, occasional small areas of discoloration (10YR 8/2 very pale orange), firm clay, moist, odor	
3.6				11			
				12		Silty Sand: interbedded medium sand, dark yellowish brown to light olive gray to olive gray to medium dark gray, occasional small areas of discoloration (10YR 8/2 very pale orange) from 16 to 18 feet, traces of clay, minor black staining from 13 to 15 feet and 18.5 feet, moist from 12 to 15 feet, wet at 16 feet, moist to saturated from 17 to 20 feet, odor from 12 to 19 feet, no odor from 19 to 20 feet	
43				13			
80	EW-3 @ 14'-15'			14			
7.5				15			
7.4				16			
9.8				17			
0	EW-3 @ 19'-20'			18			
				19			
				20		TD at 20 feet bgs	

## EW-4 BORING LOG

<b>PROJECT NUMBER</b> 05A1226115	<b>DRILLING DATE</b> HA - 5/21/21, HSA - 5/25/21	<b>NORTH COORDINATE</b> 36.48175 N
<b>PROJECT NAME</b> Chaco Plant 3 Phase Separator	<b>DRILLING COMPANY</b> Enviro-Drill, Inc	<b>WEST COORDINATE</b> 108.12048 W
<b>CLIENT</b> Enterprise Field Services, LLC	<b>BORING METHOD</b> Hollow Stem Auger (HSA)	<b>SURFACE COMPLETION</b> Below Grade
<b>LOCATION</b> San Juan County, NM	<b>TOTAL DEPTH</b> 20 ft	<b>LOGGED BY</b> R.DEECHILLY
	<b>CASING DIAMTER</b> 2 inches	<b>SAMPLER</b> R.DEECHILLY

**COMMENTS** The borehole was hydro-excavated to 10 feet. A hand auger (HA) was utilized to obtain shallow soil samples during hydro-excavation activities. The boring logs from the HA and HSA activities were then combined.

PID (ppm)	Samples	Recovery (%) 0100	Water	Depth (ft)	Graphic Log	Material Description	Well Diagram
0				1			
0				2			
0				3		Clayey Silt to Silty Sand to Silty Clay: moderate yellowish brown to dark yellowish brown to live olive gray, firm clay at 6 feet, minor oxidation, moist, no odor	concrete cement grout
0.2				4			
0.2				5			
0.2				6			
2.2				7			Hydrated Bentonite
3.7	EW-4 @ 10'			8			
0.2				9		Silty Sand: interbedded medium sand from 10 to 12 feet, dark yellowish brown to light olive gray, some medium gray and very minor black staining at 10 feet, fine sand, moist, no odor	
4.3	EW-4 @ 12'-14'			10			
0.8				11			
0.1				12			
0.2				13			
0	EW-4 @ 18'-20'			14			Sand
				15		Sand to Silty Sand: dark yellowish brown to light olive gray from 15 to 16 feet, moderate yellowish brown from 16 to 20 feet, fine to medium sand, traces of clay from 18 to 20 feet, wet at 16 feet, moist to saturated from 17 to 20 feet, slight odor from 15 to 18 feet, no odor from 18 to 20 feet	
				16			
				17			
				18			
				19			
				20		TD at 20 feet bgs	



## APPENDIX D

### Lithologic Soil Sampling Logs

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## DIAGRAM / LITHOLOGY LOG

MW 1SB 1

FLUSH MOUNT  
TRAFFIC RATED  
WELL COVER

LOCKING CAP  
CONCRETE

DEPTH (FEET)

CONCRETE

CEMENT GROUT

1 INCH PVC FLUSH JNT. THREADED SCHD 40 CASING

TOP BENT.

TOP SAND

TOP SCREEN

1 INCH PVC 0.010 SCHD 40 FLUSH JNT. THREADED SCREEN

BTM SCREEN

2" BLANK SUMP WITH END CAP ON BTM

TOTAL DEPTH

TIME	SAMPLE TYPE	HEADSPACE (PPM)	LITHOLOGY	SAMPLE DESCRIPTION	DEPTH (FEET)
					5
10:30	0.0			Hydro vac'd from 0'-6'	
	0.0			Wet brown sand, water from hydro vac (17.5)	
				7-7.5 dark brown sand, light tan sand	
10:51	0.0			Brown sand	10
11:46				Brown sand	12
				BROWN SAND	13
11:36				moist, larger grain sand	14
				moist, larger grain sand	15
11:55	0.0			moist fine grain sand, brown	
				no returns	
12:12	0.0			Dark brown sand	20
				brown sand	
12:4	0.0			light tan sand	
12:35				Dark brown sand, moist	
	1.6			Dark brown sand, moist	25
12:52	0.0			clay, dark brown	
13:0	0.2			brown clay with red inclusions	
13:45	0.0			brown clay	30
14:32				gray sandy clay w/ white & orange inclusions	35
15:12				NO returns TD = 40'	40

**Well Materials Used:**

\_\_\_\_ Sks 10-12 Silica Sand

\_\_\_\_ Sks Bentonite Chips

\_\_\_\_ Sks Class "A" Cement

\_\_\_\_ Sks Quikcrete

\_\_\_\_ Ft Blank Casing

\_\_\_\_ Ft Screen

**Well Development:**

\_\_\_\_ Bailed

\_\_\_\_ Pumped

\_\_\_\_ Gallons of Water

**Remarks:**

DRILLER: Ben

BIT SIZE: \_\_\_\_\_

LOCATION: Chaco Plant

HELPER: \_\_\_\_\_

TOTAL BORING DEPTH: 40

ELEVATION: \_\_\_\_\_

DRILLING COMPANY: YELDATE STARTED: 6/27/22DATE COMPLETED: 6/27/22DRILLING METHOD: ISASAMPLER TYPE: SSGEOLOGIST: BL/CT

Note: SS = Split Spoon A = Auger c5 = 5 foot composite from air cuttings

left hole open overnight  
no water on 6/28/22**ENVIROTECH INC.**ENVIRONMENTAL SCIENTISTS & ENGINEERS  
5796 U.S. HIGHWAY 64  
FARMINGTON, NEW MEXICO 87401  
(505) 632-0615  
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REVISIONS

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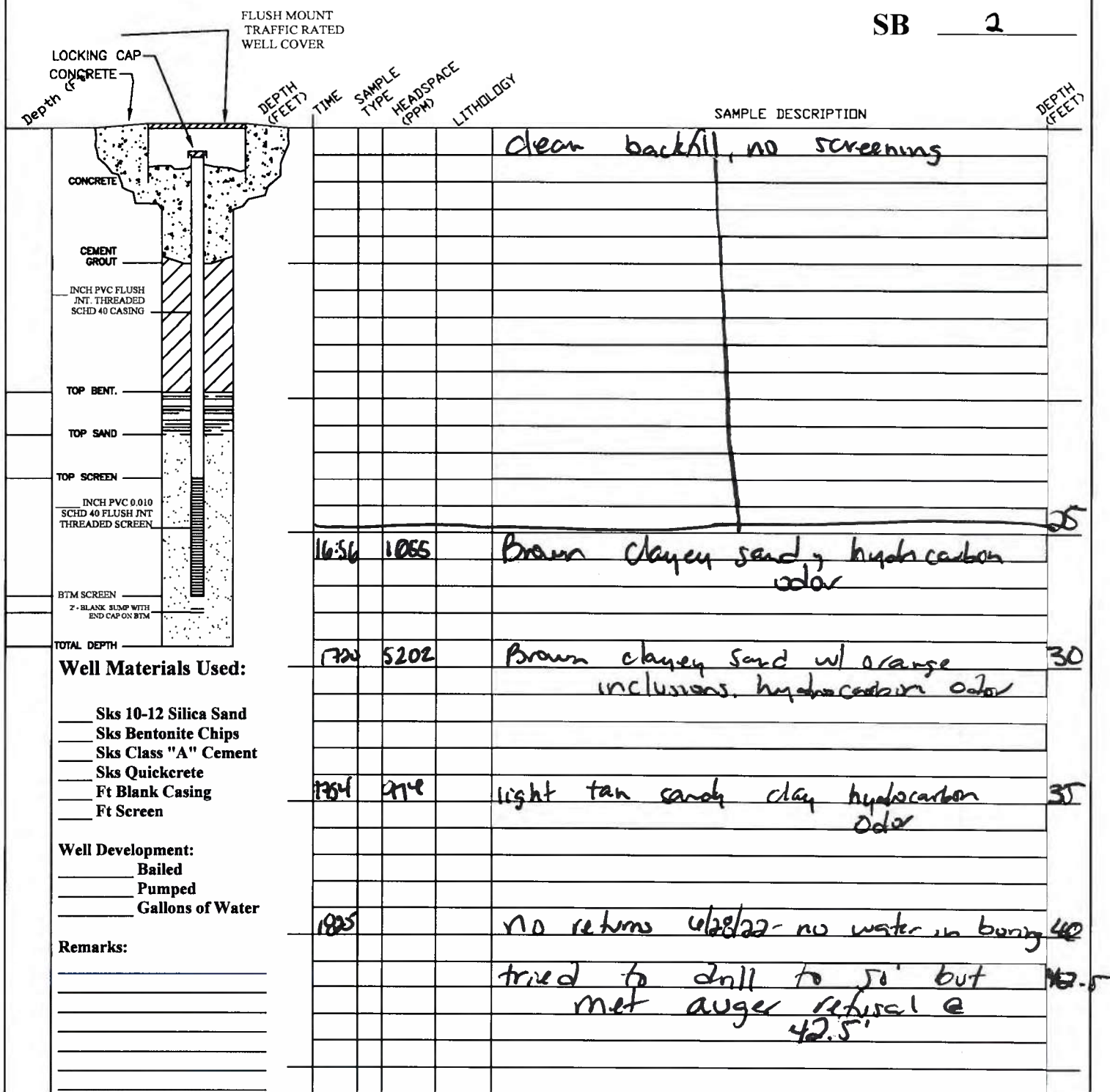
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# BELOW GRADE WELL COMPLETION DIAGRAM / LITHOLOGY LOG

MW 2SB 2DRILLER: Ben

BIT SIZE: \_\_\_\_\_

LOCATION: Chaco PlantHELPER: Shawn

TOTAL BORING DEPTH: \_\_\_\_\_

ELEVATION: \_\_\_\_\_

DRILLING COMPANY: HCLDATE STARTED: 6/27/22DATE COMPLETED: 6/28/22DRILLING METHOD: HSASAMPLER TYPE: SSGEOLOGIST: BH/CT

Note: SS = Split Spoon

A = Auger

c5 = 5 foot

composite from air cuttings

## ENVIROTECH INC.

ENVIRONMENTAL SCIENTISTS & ENGINEERS  
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# BELOW GRADE WELL COMPLETION DIAGRAM / LITHOLOGY LOG

MW 3SB 3

Depth (Feet)	TIME	SAMPLE TYPE	HEADSPACE (PPM)	LITHOLOGY	SAMPLE DESCRIPTION	DEPTH (FEET)
0						
25	0.9	S-1			clean backfill from surface to 25' brown sandy clay	25
30	10.25	U-0			yellow sandy clay tan sand large grain	30
35	11.05	U-0			grey sand, coarse	35
40	11.50				no returns Arger returns @ 40'	40

**Well Materials Used:**

☐ Sks 10-12 Silica Sand  
☐ Sks Bentonite Chips  
☐ Sks Class "A" Cement  
☐ Sks Quickerrete  
☐ Ft Blank Casing  
☐ Ft Screen

**Well Development:**

☐ Bailed  
☐ Pumped  
☐ Gallons of Water

**Remarks:**

DRILLER: Ben

BIT SIZE: \_\_\_\_\_

LOCATION: Charo PlantHELPER: Shawn

TOTAL BORING DEPTH: \_\_\_\_\_

ELEVATION: \_\_\_\_\_

DRILLING COMPANY: HCCDATE STARTED: 6/28/22

DATE COMPLETED: \_\_\_\_\_

DRILLING METHOD: HSASAMPLER TYPE: SSGEOLOGIST: BA/OT

Note: SS = Split Spoon A = Auger c5 = 5 foot composite from air cuttings

## ENVIROTECH INC.

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 FARMINGTON, NEW MEXICO 87401  
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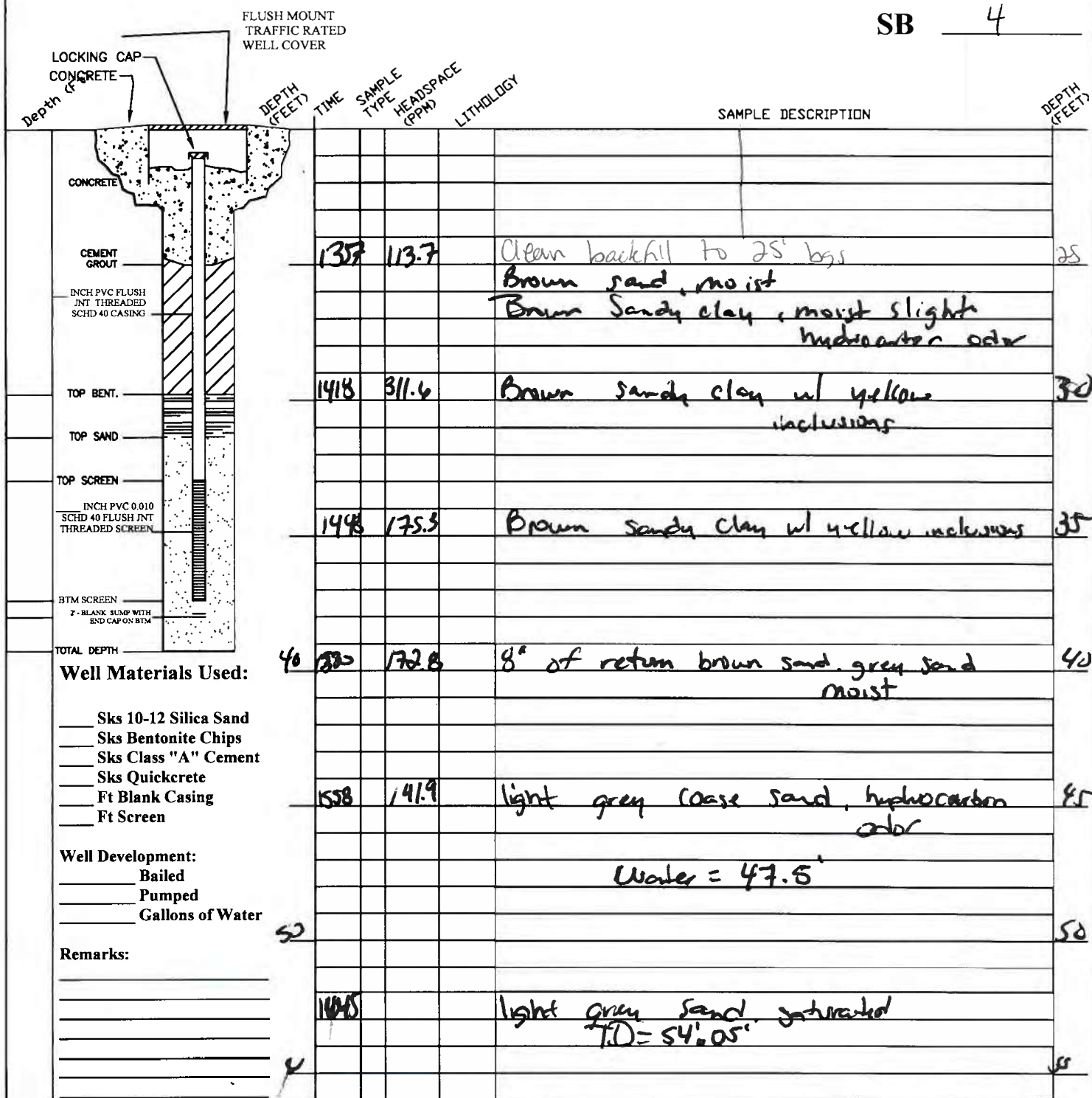
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# BELOW GRADE WELL COMPLETION DIAGRAM / LITHOLOGY LOG

MW 4SB 4DRILLER: Bar

BIT SIZE: \_\_\_\_\_

LOCATION: Chaco PlantHELPER: Shawn

TOTAL BORING DEPTH: \_\_\_\_\_

ELEVATION: \_\_\_\_\_

DRILLING COMPANY: NECDATE STARTED: 6/28/22

DATE COMPLETED: \_\_\_\_\_

DRILLING METHOD: USASAMPLER TYPE: SSGEOLOGIST: BL/CR

Note: SS = Split Spoon A = Auger c5 = 5 foot composite from air cuttings

## ENVIROTECH INC.

ENVIRONMENTAL SCIENTISTS & ENGINEERS  
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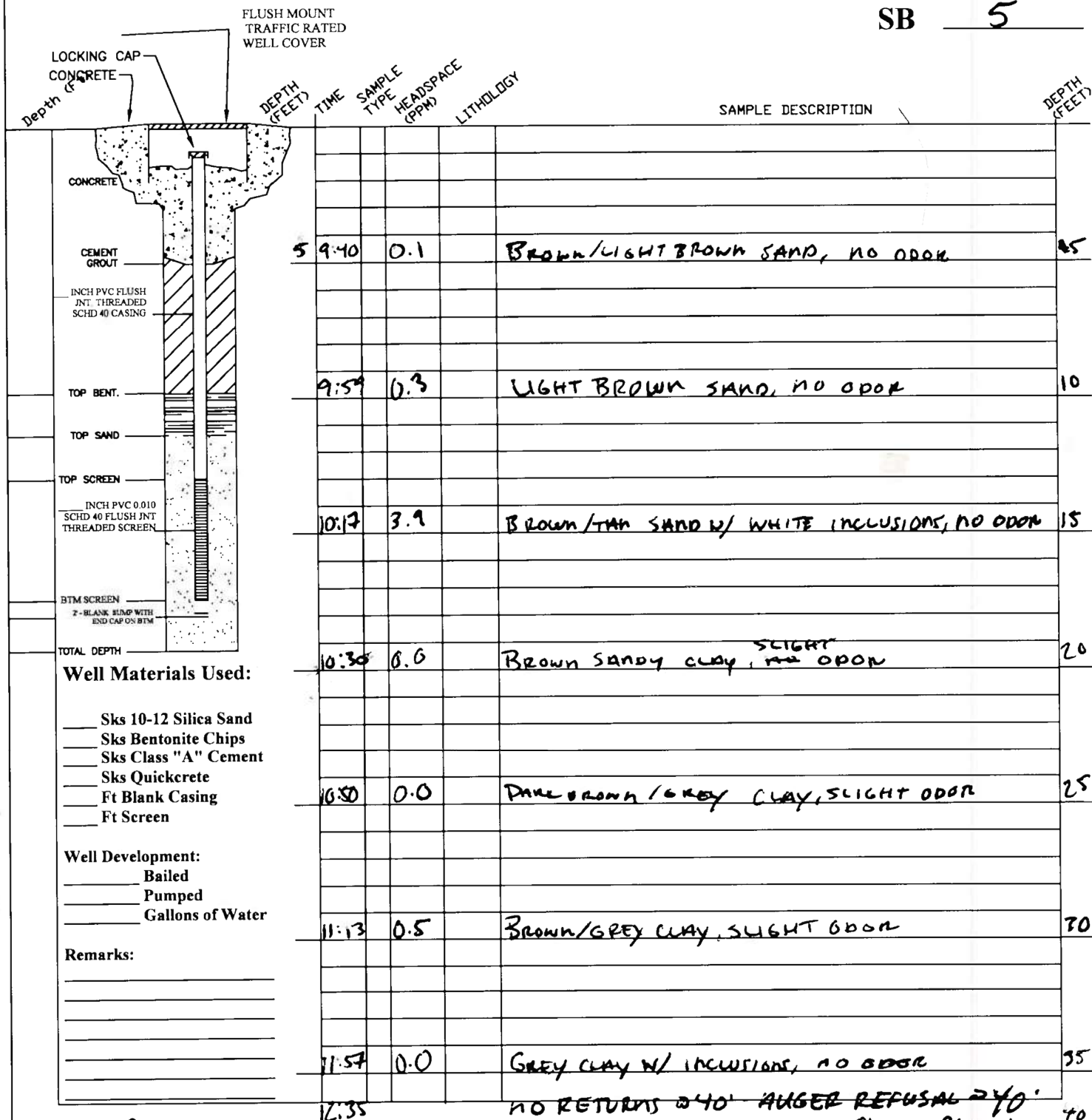
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# BELOW GRADE WELL COMPLETION DIAGRAM / LITHOLOGY LOG

MW 5SB 5

## Well Materials Used:

☐ Sks 10-12 Silica Sand  
☐ Sks Bentonite Chips  
☐ Sks Class "A" Cement  
☐ Sks Quikcrete  
☐ Ft Blank Casing  
☐ Ft Screen

## Well Development:

☐ Bailed  
☐ Pumped  
☐ Gallons of Water

## Remarks:

DRILLER: BenHELPER: ShawnDRILLING COMPANY: HLLDRILLING METHOD: HSA

Note: SS = Split Spoon

BIT SIZE: \_\_\_\_\_

TOTAL BORING DEPTH: \_\_\_\_\_

DATE STARTED: 6/29/22SAMPLER TYPE: SS

A = Auger

c5 = 5 foot

LOCATION: Chaco Plant

ELEVATION: \_\_\_\_\_

DATE COMPLETED: \_\_\_\_\_

GEOLOGIST: Bulkes

composite from air cuttings

## ENVIROTECH INC.

ENVIRONMENTAL SCIENTISTS & ENGINEERS  
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 FARMINGTON, NEW MEXICO 87401  
 (505) 632-0615  
 Envirolog.dwg

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## REVISIONS

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OF \_\_\_\_\_



## APPENDIX E

### Executed C-138 Solid Waste Acceptance Forms

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## Bill of Lading

MANIFEST # 71881  
GENERATOR Enterprise  
POINT OF ORIGIN Choco Plant  
TRANSPORTER Riley  
DATE 03/14/2012 JOB # 97057-125

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	BF	Hydrolic cont soil			65			25048	16:50	CHAS
-	BF	Washout by Riley			5				16:50	CHAS
					70					
RESULTS		LANDFARM EMPLOYEE	Campbell				GAZ	NOTES		
478	CHLORIDE TEST									
	CHLORIDE TEST									
	CHLORIDE TEST									
0486	PAINT FILTER TEST									

Generator Onsite Contact

Phone

*Signatures required prior to distribution of the legal document.*

DISTRIBUTION: White - Company Records    Blue    Yellow - Customer    Pink - EC +



# Bill of Lading

MANIFEST # 72526

GENERATOR EnterprisePOINT OF ORIGIN Chaco Plant Produced waterTRANSPORTER West States 04061-0040DATE 04-21-22 JOB # 99051-125

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF 2-15	Con't Soil	A35	12	-	-	-	515	0930	<i>[Signature]</i>
2	"	"	A35	12	-	-	-	515	1115	<i>[Signature]</i>
3	"	"	A35	12	-	-	-	515	1320	<i>[Signature]</i>
4	"	"	A35	12	-	-	-	515	1355	<i>[Signature]</i>
5	"	"	A35	12	-	-	-	515	1635	<i>[Signature]</i>
				60						
RESULTS			LANDFARM EMPLOYEE				NOTES			
291	CHLORIDE TEST	1	<i>Cathy Robinson</i>							
281	CHLORIDE TEST	1								
	CHLORIDE TEST									
Pass	PAINT FILTER TEST	2	<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reccival <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out				By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.			

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

Signatures required prior to distribution of the legal document.

DISTRIBUTION: White - Company Records / Billing   Yellow - Customer   Pink - LF Copy



# Bill of Lading

MANIFEST # 72527

GENERATOR EnterprisePOINT OF ORIGIN Chaco Plant ProducedTRANSPORTER HBL WaterDATE 04-21-27 JOB # 93857 HES

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLs	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF2- <del>5</del>	CON'T SOIL	A35	12	-	-	-	47	0940	Lee Moss
2	LF2-5"	" "	A35	12	-	-	-	47	1115	Lee Moss
3	" "	" "	A35	12	-	-	-	47	1320	Lee Moss
4	" "	" "	A35	12	-	-	-	47	1355	Lee Moss
5	" "	" "	A35	12	-	-	-	47	1637	Lee Moss
				60						
RESULTS		LANDFARM EMPLOYEE		NOTES						
281	CHLORIDE TEST	2	<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Receipt <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out		By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.					
	CHLORIDE TEST									
	CHLORIDE TEST									
Pass	PAINT FILTER TEST	2								

SCANNED

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

Signatures required prior to distribution of the legal document.

DISTRIBUTION: White - Company Records / Billing Yellow - Customer Pink - LF Copy



# Bill of Lading

MANIFEST # 72553

GENERATOR EnterprisePOINT OF ORIGIN Chern Plant Produced WaterTRANSPORTER West StatesDATE 04-22-22 JOB # 97057-1125

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

LOAD NO.	COMPLETE DESCRIPTION OF SHIPMENT						TRANSPORTING COMPANY			
	DESTINATION	MATERIAL	GRID	YDS	BBLS	DRUMS	TKT#	TRK#	TIME	DRIVER SIGNATURE
1	LF2-5	Cont Soil	A35	12	-	-	-	515	0950	<i>[Signature]</i>
2	"	" "	J28	12	-	-	-	515	1135	<i>[Signature]</i>
3	"	" "	J28	12	-	-	-	515	1320	<i>[Signature]</i>
4	"	" "	J28	12	-	-	-	515	1435	<i>[Signature]</i>
				48						
RESULTS		LANDFARM EMPLOYEE		<i>[Signature]</i>				NOTES		
<281	CHLORIDE TEST	1								
	CHLORIDE TEST			<input type="checkbox"/> Soil w/ Debris <input type="checkbox"/> After Hours/Weekend Reveal <input type="checkbox"/> Scrape Out <input type="checkbox"/> Wash Out						
	CHLORIDE TEST			By signing as the driver/transporter, I certify the material hauled from the above location has not been added to or tampered with. I certify the material is from the above mentioned Generator/Point of Origin and that no additional material has been added or mixed into the load. Landfarm employee signature is certification of the above material being received and placed accordingly.						
<i>[Signature]</i>	PAINT FILTER TEST	1								

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

Signatures required prior to distribution of the legal document.

DISTRIBUTION: White - Company Records / Billing   Yellow - Customer   Pink - LF Copy



# envirotech

# Bill of Lading

MANIFEST # 72554

GENERATOR Enterprise

POINT OF ORIGIN Chaco Plant + Produced

TRANSPORTER N B L

DATE 04.22.22 JOB # 97057-1125

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

Generator Onsite Contact		Phone
--------------------------	--	-------

***Signatures required prior to distribution of the legal document.***

**DISTRIBUTION:**    **White - Company Records / Billing**    **Yellow - Customer**    **Pink - LF Copy**





envirotech

## Bill of Lading

MANIFEST # 72929

GENERATOR Enterprise

POINT OF ORIGIN Chaco Plant

TRANSPORTER *west States*

DATE 5-16-22 JOB # 04061-0040

PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401

[illegible]

Generator Onsite Contact \_\_\_\_\_ Phone \_\_\_\_\_

*Signatures required prior to distribution of the legal document.*

**DISTRIBUTION:**    **White** - Company Records / Billing    **Yellow** - Customer    **Pink** - LF Copy





# Bill of Lading

MANIFEST # 73535

GENERATOR Enterprise

POINT OF ORIGIN Chaco Plant

TRANSPORTER Riley 04061-0042

DATE 06.24.27 JOB # ~~97057-125~~

**PHONE: (505) 632-0615 • 5796 U.S. HIGHWAY 64 • FARMINGTON, NEW MEXICO 87401**

[illegible]

Generator Onsite Contact	Phone

***Signatures required prior to distribution of the legal document.***

**DISTRIBUTION:**    **White - Company Records / Billing**    **Yellow - Customer**    **Pink - LF Copy**


**CONTRACT ENVIRONMENTAL SERVICES, INC.**

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

 Manifest Number: **16196**
**Asbestos Landfill Manifest**

 Delivery Date (mm/dd/yy): 04/11/22 Delivery Time 3:00  
 Volume or Weight: 20 CY Type and proper name of the waste Asb Soil Container # LY18  
 Type of Cont. Empty

GENERATOR	<b>Generator's Name:</b> <u>Contract Environmental Services, Inc.</u>																																				
	<b>Generator's Address:</b> <u>6014 E. 11th Ave. Flagstaff, AZ 86001</u>																																				
	<b>Waste Origin (Project or Location Name):</b> <u>CHAS BLVD</u>																																				
	<b>Waste Origin Address:</b> <u>CHAS BLVD</u>																																				
	<b>Billing Information (if different from above):</b>																																				
	<b>Name:</b> <u>Contract Environmental Services, Inc.</u>	<b>Job or P.O. No.:</b> <u>0161-001A</u>																																			
	<b>Company:</b> <u>ENVIRONMENTAL</u>																																				
	<b>Billing Address:</b> <u>57410 W. Hwy 64 Flagstaff, AZ 86001</u>																																				
	<b>Telephone Number:</b> <u>505 632 0615</u>																																				
	<b>Transporter Information:</b>																																				
TRANSPORTER	<b>Transporter 1 Transporter Company Name:</b> <u>BASCO TRANSPORT</u>																																				
	<b>Transporter Company Address:</b> <u>1301 S. 30th St. Flagstaff, AZ 86001</u>																																				
	<b>Telephone Number:</b> <u>505 320 7118</u>																																				
	<b>Transporter 2 Transporter Company Name:</b>																																				
	<b>Transporter Company Address:</b>																																				
	<b>Telephone Number:</b>																																				
	<b>Destination Facility Information:</b>																																				
	<b>Facility Name:</b> <u>Contract Environmental Services, Inc.</u>																																				
	<b>Office Address:</b> <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u>																																				
	<b>Facility Location:</b> <u>NE 1/4, S18, T39S, R26E, San Juan County, Utah</u>																																				
<b>Telephone Number:</b> <u>(970) 565-1198</u>																																					
<b>Permit Number:</b> <u>0405R2</u>																																					
<b>State of Utah Class V Landfill</b>																																					
<b>Special Handling Instructions or Additional Information:</b>																																					
<b>Generator's Certification:</b> <i>I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.</i>																																					
<b>Printed/Typed Name:</b> _____ <b>Signature:</b> _____ <b>Date:</b> _____																																					
Contract Environmental Services, Inc.	<b>Transporter 1 Acknowledgement of Receipt of Asbestos Waste</b>																																				
	<b>Printed/Typed Name:</b> _____ <b>Signature:</b> _____ <b>Date:</b> _____																																				
	<b>Transporter 2 Acknowledgement of Receipt of Asbestos Waste</b>																																				
	<b>Printed/Typed Name:</b> _____ <b>Signature:</b> _____ <b>Date:</b> _____																																				
	<b>Discrepancy Indication:</b>																																				
	The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.																																				
	<b>Additional Discrepancy:</b>																																				
	<b>Facility Owner or Operator:</b> <i>I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.</i>																																				
	<b>Printed/Typed Name:</b> _____ <b>Signature:</b> _____ <b>Date:</b> _____																																				
	<b>Grid Number Deposited in:</b> <u>9c</u>																																				
<b>GPS info</b> <u>N</u> <u>W</u>																																					
<b>Time arriving at landfill:</b> <u>3:00</u>																																					
<table border="1"> <tr><td>21</td><td>20</td><td>19</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>27</td><td>26</td><td>25</td><td>9</td><td>8</td><td>7</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>33</td><td>32</td><td>31</td><td>15</td><td>14</td><td>13</td></tr> <tr><td>34</td><td>35</td><td>36</td><td>16</td><td>17</td><td>18</td></tr> </table>		21	20	19	3	2	1	22	23	24	4	5	6	27	26	25	9	8	7	28	29	30	10	11	12	33	32	31	15	14	13	34	35	36	16	17	18
21	20	19	3	2	1																																
22	23	24	4	5	6																																
27	26	25	9	8	7																																
28	29	30	10	11	12																																
33	32	31	15	14	13																																
34	35	36	16	17	18																																


**CONTRACT ENVIRONMENTAL SERVICES, INC.**
**59791**

925 S. Broadway, Ste 251 • Cortez, Colorado 81321 • 970-565-1198

## Landfarm Soil Delivery Manifest

Landfarm Location: NE1/4, S18, T39S, R26E, San Juan County, UT

*I certify that this is RCRA-exempt Oilfield Waste, Signed:*

 Delivery Date (mm/dd/yy): 4/11/23 Delivery Time: 11:00

 Volume Delivered (est. cu. yd.): 2.0

 Description (soil type, color, etc.): Dark brown, silty clay

### Soil Origin and Generator Information:

 Location or Well name: Well 1

 Section: 18 Township: 39S Range: 26E Qt/Qt or U.L.: 1/4

 Generator: Contract Environmental Services, Inc.

 Address: 925 S. Broadway, Ste 251

 Phone: 970-565-1198

### Send Invoice to (if different from above):

 Name: Contract Environmental Services, Inc. Job or P.O. no.: 59791

 Company: Contract Environmental Services, Inc.

 Address: 925 S. Broadway, Ste 251

 Phone: 970-565-1198

### Transporter Information:

 Trucking Company: Enviro-Tek

 Address: 1500 N. 1st St.

 Phone: 970-234-2700

 Driver: John Doe

 Truck Number: 1234

 Time left site: 11:00

 Time arriving at landfarm: 12:00

Remediated soil will either (check one):

☒ remain at landfarm, or

☐ return to its originating location.

"GPS"

N

W

### Depositing Information:

 Grid Number Deposited In: 9

Shade in approximate area accounted for by the soil in the appropriate grid square:

Soil Contamination Data:

 Field headspace:                     

 TPH:                      SAR:                     

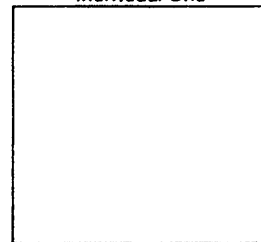
 Elec. Cond:                     

 EPS:                     

 Date tested:                     

3	2	1
4	5	6
9	8	7
10	11	12
15	14	13
16	17	18

Individual Grid



REPROGRAPHICS 111114C



# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: **16196**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): **04/11/22** Delivery Time: **3:00**  
 Volume or Weight: **20** CY Type and proper name of the waste: **4m Soil** Container # **LV18**  
 Type of Cont. **END DUMP**

Generator's Name: **ENTERPRISE**  
 Generator's Address: **1014 REILEY AVE FARMINGTON, NM** Telephone Number: **(505) 599-2065**  
 Waste Origin (Project or Location Name): **CHALO PLANT**  
 Waste Origin Address:

### Billing Information (if different from above):

Name: **ENVIROTECH DONALD ORTIZ** Job or P.O. No.: **04561-0048**

Company: **ENVIROTECH**

Billing Address: **5796 US. Hwy 64 Farmington, NM 87401** Telephone Number: **505 632 0615**

### Transporter Information:

Transporter 1 Transporter Company Name:

**BACULA TRUCKING**

Transporter Company Address:

**15 Rd. 5367 Farmington, NM**

Telephone Number: **505 320 7718**

Transporter 2 Transporter Company Name:

Transporter Company Address:

Telephone Number:

### Destination/Facility Information:

Facility Name: **Contract Environmental Services, Inc.**

Telephone Number: **(970) 565-1198**

Office Address: **925 S. Broadway, Suite 251, Cortez, CO 81321**

Permit Number: **0405R2**

Facility Location: **NE 1/4, S18, T39S, R26E, San Juan County, Utah**

State of Utah Class V Landfill

Special Handling Instructions or Additional Information:

Generator's Certification: *I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.*

Printed/Typed Name:

Signature:

Date:

Transporter 1 Acknowledgement of Receipt of Asbestos Waste

Truck Number: **LV19**

Printed/Typed Name:

Signature:

Date:

Transporter 2 Acknowledgement of Receipt of Asbestos Waste

Truck Number:

Printed/Typed Name:

Signature:

Date:

### Discrepancy Indication:

The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.

Additional Discrepancy:

Facility Owner or Operator: *I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.*

Printed/Typed Name:

Grid Number Deposited In:

Signature:

GPS Info N

W

Date:

Acceptable condition:

**(Yes)** No

Time arriving at landfill: **3:00**

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	8	7	
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	18





# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: **16198**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yyyy): **04-14-22** Delivery Time: **12:15**  
 Volume or Weight: **2.0 CY** Type and proper name of the waste: **Asbestos** Container # **566**  
 Type of Cont: **PCU-m**

Generator's Name: **Chaco plant / Enterprise**  
 Generator's Address: **614 Kelly Ave** Telephone Number: **565-599-2000**

Waste Origin (Project or Location Name): **Chaco plant**  
 Waste Origin Address: **Farmington, N.M. 87401**

### Billing Information (if different from above):

Name: **Envirotech** Job or P.O. No.: **04061-0040**

Company: **Envirotech**

Billing Address: **5796 US Hwy 64 Farmington, N.M.** Telephone Number: **505-637-045**

### Transporter Information:

Transporter 1 Transporter Company Name: **Envirotech**

Transporter Company Address: **5796 US Hwy 64 Farmington, N.M.** Telephone Number:

Transporter 2 Transporter Company Name:

Transporter Company Address:

Telephone Number:

### Destination Facility Information:

Facility Name: **Contract Environmental Services, Inc.** Telephone Number: **(970) 565-1198**

Office Address: **925 S. Broadway, Suite 251, Cortez, CO 81321**

Permit Number: **0405R2**

Facility Location: **NE 1/4, S18, T39S, R26E, San Juan County, Utah**

State of Utah Class V Landfill

Special Handling Instructions or Additional Information:

Generator's Certification: *I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.*

Printed/Typed Name:

Signature:

Date:

Transporter 1 Acknowledgement of Receipt of Asbestos Waste

Truck Number: **560**

Printed/Typed Name:

Signature:

Date:

Transporter 2 Acknowledgement of Receipt of Asbestos Waste

Truck Number:

Printed/Typed Name:

Signature:

Date:

### Discrepancy Indication:

The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.

Additional Discrepancy:

Facility Owner or Operator: *I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.*

Printed/Typed Name:

Grid Number Deposited in:

Signature:

GPS info N

W

Date:

Acceptable condition:

☒ Yes

☐ No

Time arriving at landfill: **12:15**

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	18	8	7
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	18



# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: **15612**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 4/27/22 Delivery Time: 12:15  
 Volume or Weight: 20 CY Type and proper name of the waste: Asm Container #: 723  
 Type of Cont: Land Dump

Generator's Name: Charo Plant Enterprise

Generator's Address: 614 Reily Ave, Farmington, NM Telephone Number: 505-599-2005

Waste Origin (Project or Location Name): Charo Plant

Waste Origin Address: Farmington, NM 87401

### Billing Information (if different from above):

Name: Envirotech Inc Job or P.O. No.: 04061-0040

Company: 5796 US 64, Farmington, NM 87401

Billing Address:

Telephone Number:

### Transporter Information:

Transporter 1 Transporter Company Name: Envirotech Inc.

Transporter Company Address: 5796 US Hwy 64, Farmington, NM 87401 Telephone Number: 505-632-0615

Transporter 2 Transporter Company Name:

Transporter Company Address:

Telephone Number:

### Destination Facility Information:

Facility Name: Contract Environmental Services, Inc. Telephone Number: (970) 565-1198

Office Address: 925 S. Broadway, Suite 251, Cortez, CO 81321

Permit Number: 0405R2

Facility Location: NE 1/4, S18, T39S, R26E, San Juan County, Utah

State of Utah Class V Landfill

### Special Handling Instructions or Additional Information:

Generator's Certification: *I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.*

Printed/Typed Name:

Signature:

Date:

David Ortiz

[Signature]

4-27-22

Transporter 1 Acknowledgement of Receipt of Asbestos Waste

Truck Number: 10310

Printed/Typed Name:

Signature:

Date:

Steen J McNeal

[Signature]

4/27/22

Transporter 2 Acknowledgement of Receipt of Asbestos Waste

Truck Number:

Printed/Typed Name:

Signature:

Date:

### Discrepancy Indication:

The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.

Additional Discrepancy:

Facility Owner or Operator: *I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.*

Printed/Typed Name:

Grid Number Deposited in:

Thomas, Muelo

91

Signature:

GPS info N

Date:

Acceptable condition:

4/27/22

(Yes) No

Time arriving at landfill: 12:15

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	8	8	7
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	18





# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: **15613**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yyyy): 4/27/22 Delivery Time 2:00  
 Volume or Weight: 20 CY Type and proper name of the waste: Asm Container # 724  
 Type of Cont: Embrmp

GENERATOR	Generator's Name: <u>Chaco Plant Enterprise</u>		
	Generator's Address: <u>614 Reily Ave. Farmington NM</u>		Telephone Number: <u>505-599-2005</u>
	Waste Origin (Project or Location Name): <u>Chaco Plant</u>		
	Waste Origin Address: <u>Farmington, NM</u>		
	Billing Information (if different from above):		
	Name: <u>Envirotech Inc.</u>		Job or P.O. No.: <u>04061-0040</u>
	Company:		
	Billing Address: <u>5796 US 64, Farmington, NM 87401</u>		Telephone Number: <u>505-632-0615</u>
	Transporter Information:		
	Transporter 1 Transporter Company Name: <u>Envirotech Inc.</u>		
TRANSPORTER	Transporter Company Address: <u>5796 US 64, Farmington, NM 87401</u>		Telephone Number: <u>505-632-0615</u>
	Transporter 2 Transporter Company Name:		
	Transporter Company Address:		
	Telephone Number:		
	Destination Facility Information:		
	Facility Name: <u>Contract Environmental Services, Inc.</u>		Telephone Number: <u>(970) 565-1198</u>
	Office Address: <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u>		Permit Number: <u>0405R2</u>
	Facility Location: <u>NE 1/4, S18, T39S, R26E, San Juan County, Utah</u>		State of Utah, Class V Landfill
	Special Handling Instructions or Additional Information:		
	Generator's Certification: <u>I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.</u>		
Contract Environmental Services, Inc.	Printed/Typed Name: <u>Donna C. O'Hara</u>		Signature: <u>[Signature]</u> Date: <u>4-27-22</u>
	Transporter 1 Acknowledgement of Receipt of Asbestos Waste		Truck Number: <u>722</u>
	Printed/Typed Name: <u>Peter [Signature]</u>		Signature: <u>[Signature]</u> Date: <u>4-27-2022</u>
	Transporter 2 Acknowledgement of Receipt of Asbestos Waste		Truck Number:
	Printed/Typed Name:		Signature:
	Date:		Date:
	Discrepancy Indication:		
	The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.		
	Additional Discrepancy:		
	Facility Owner or Operator: <u>I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.</u>		
Printed/Typed Name: <u>Thomas Meale</u>		Grid Number Deposited in: <u>9c</u>	
Signature: <u>[Signature]</u>		GPS info N <u>          </u> W <u>          </u>	
Date: <u>4/27/22</u>	Acceptable condition: <u>(Yes)</u> No	Time arriving at landfill: <u>2:00</u>	

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	8	7	
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	18

**CONTRACT ENVIRONMENTAL SERVICES, INC.**

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: **15614****Asbestos Landfill Manifest**

Delivery Date (mm/dd/yy): 4-28-22 Delivery Time 1:10  
 Volume or Weight: 20 CY Type and proper name of the waste: Burnt ACM Container # 729  
 Type of Cont: Landfill

**Generator's Name:****Generator's Address:**615 Reilly Ave, Farmington, NM Enterprise Chaco PlantTelephone Number: 505-599-2005Waste Origin (Project or Location Name): Chaco PlantWaste Origin Address: Farmington, NM**Billing Information (if different from above):**Name: Envirotech Inc.Job or P.O. No: 04061-0040Company: Envirotech Inc.Billing Address: 5796 US 64, Farmington, NMTelephone Number: 505-632-0615**Transporter Information:**Transporter 1 Transporter Company Name: Envirotech Inc.Transporter Company Address: 5796 US 64 Farmington NM 87401Telephone Number: 505-632-0615

Transporter 2 Transporter Company Name:

Transporter Company Address:

Telephone Number:

**Destination Facility Information:**Facility Name: Contract Environmental Services, Inc.Telephone Number: (970) 565-1198Office Address: 925 S. Broadway, Suite 251, Cortez, CO 81321Permit Number: 0405R2Facility Location: NE 1/4, S18, T39S, R26E, San Juan County, Utah

State of Utah Class V Landfill

**Special Handling Instructions or Additional Information:**

Generator's Certification: *I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.*

Printed/Typed Name:

Donald Ortiz

Signature:

[Signature]

Date:

4-28-22

Transporter 1 Acknowledgement of Receipt of Asbestos Waste

Truck Number: 729

Printed/Typed Name:

Victor D. Toranzo

Signature:

[Signature]

Date:

4-28-22

Transporter 2 Acknowledgement of Receipt of Asbestos Waste

Truck Number:

Printed/Typed Name:

Signature:

Date:

**Discrepancy Indication:**

The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.

**Additional Discrepancy:**

Facility Owner or Operator: *I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.*

Printed/Typed Name:

NED SAEK

Grid Number Deposited in:

9C

Signature:

[Signature]

GPS info N

W

Date:

04-28-22

Acceptable condition:

(Yes)

No

Time arriving at landfill:

1:00

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	8	7	
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	18

GENERATOR

TRANSPORTER

Contract Environmental Services, Inc.



# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: **15615**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): **4-28-22** Delivery Time: **1:10**  
 Volume or Weight: **20** Type and proper name of the waste: **burnt ACM** Container # **722**  
 Type of Cont: **Field**

Generator's Name: **Enterprise - Charo Plant**

Generator's Address: **615 Reilly Ave, Farmington NM 87401** Telephone Number: **505-632-0615**

Waste Origin (Project or Location Name): **Charo Plant**

Waste Origin Address:

### Billing Information (if different from above):

Name: **Envirotech Inc** Job or P.O. No.: **04061-0040**

Company:

Billing Address: **5796 US 64, Farmington, NM 87401** Telephone Number: **505-632-0615**

### Transporter Information:

Transporter 1 Transporter Company Name: **Envirotech Inc**

Transporter Company Address: **5796 US 64, Farmington, NM 87401** Telephone Number: **505-632-0615**

Transporter 2 Transporter Company Name:

Transporter Company Address:

Telephone Number:

### Destination Facility Information:

Facility Name: **Contract Environmental Services, Inc.** Telephone Number: **(970) 565-1198**

Office Address: **925 S. Broadway, Suite 251, Cortez, CO 81321** Permit Number: **0405R2**

Facility Location: **NE 1/4, S18, T39S, R26E, San Juan County, Utah** State of Utah Class V Landfill

Special Handling Instructions or Additional Information:

Generator's Certification: *I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.*

Printed/Typed Name: **THOMAS D. ORTIZ** Signature: **[Signature]** Date: **4-28-22**

Transporter 1 Acknowledgement of Receipt of Asbestos Waste

Printed/Typed Name: **Petersen Pinto** Signature: **[Signature]** Date: **4-28-2022**

Transporter 2 Acknowledgement of Receipt of Asbestos Waste

Printed/Typed Name: Signature: Date:

Truck Number:

Printed/Typed Name: Signature: Date:

Truck Number:

### Discrepancy Indication:

The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.

Additional Discrepancy:

Facility Owner or Operator: *I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.*

Printed/Typed Name: **NEIL S. REIL** Grid Number Deposited in: **9C**

Signature: **[Signature]** GPS info N **9C** W

Date: **04-28-22** Acceptable condition: **Yes** No

Time arriving at landfill: **1:10**

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	8	7	
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	18





# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: **16233**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 5/26/22 Delivery Time 17:30  
 Volume or Weight: 20 CY Type and proper name of the waste ACM Container # LD01  
 Type of Cont. Empty

GENERATOR	Generator's Name: <u>ENTERPRISE</u>																																				
	Generator's Address: <u>6014 DIXIE AVE Farmington</u>																																				
	Waste Origin (Project or Location Name): <u>ENTERPRISE China plant</u>																																				
	Waste Origin Address:																																				
	Billing Information (if different from above):																																				
	Name: <u>ENVIRONMENTAL INC.</u>	Job or P.O. No.: <u>040601-0040</u>																																			
	Company:																																				
	Billing Address: <u>5796 US 64 Farmington, NM</u>																																				
	Telephone Number: <u>505 632 0615</u>																																				
	Transporter Information:																																				
TRANSPORTER	Transporter 1 Transporter Company Name: <u>ENVIRONMENTAL INC.</u>																																				
	Transporter Company Address: <u>5796 US 64 Farmington, NM</u>																																				
	Telephone Number: <u>505 632 0615</u>																																				
	Transporter 2 Transporter Company Name:																																				
	Transporter Company Address:																																				
	Telephone Number:																																				
	Destination Facility Information:																																				
	Facility Name: <u>Contract Environmental Services, Inc.</u>																																				
	Office Address: <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u>																																				
	Facility Location: <u>NE 1/4, S18, T39S, R26E, San Juan County, Utah</u>																																				
Telephone Number: <u>(970) 565-1198</u>																																					
Permit Number: <u>0405R2</u>																																					
State of Utah Class V Landfill																																					
Special Handling Instructions or Additional Information:																																					
Generator's Certification: <u>I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.</u>																																					
Printed/Typed Name: <u>Donald Ortiz</u>																																					
Signature:																																					
Date:																																					
Contract Environmental Services, Inc.	Transporter 1 Acknowledgement of Receipt of Asbestos Waste																																				
	Truck Number: <u>111</u>																																				
	Printed/Typed Name: <u>Levi Hatley</u>																																				
	Signature:																																				
	Date: <u>5-26-22</u>																																				
	Transporter 2 Acknowledgement of Receipt of Asbestos Waste																																				
	Truck Number:																																				
	Printed/Typed Name:																																				
	Signature:																																				
	Date:																																				
Discrepancy Indication:																																					
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Additional Discrepancy:																																					
Facility Owner or Operator: <u>I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.</u>																																					
Printed/Typed Name: <u>THOMAS MEALE</u>																																					
Signature:																																					
Date: <u>5/26/22</u>																																					
Acceptable condition: <u>(Yes)</u> No																																					
Grid Number Deposited in: <u>70</u>																																					
GPS info N <u>W</u>																																					
Time arriving at landfill: <u>17:31</u>																																					
<table border="1"> <tr><td>21</td><td>20</td><td>19</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>27</td><td>26</td><td>25</td><td>20</td><td>8</td><td>7</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>33</td><td>32</td><td>31</td><td>15</td><td>14</td><td>13</td></tr> <tr><td>34</td><td>35</td><td>36</td><td>16</td><td>17</td><td>18</td></tr> </table>		21	20	19	3	2	1	22	23	24	4	5	6	27	26	25	20	8	7	28	29	30	10	11	12	33	32	31	15	14	13	34	35	36	16	17	18
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# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number **16234**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 5/26/72 Delivery Time 12:30  
 Volume or Weight: 20 CY Type and proper name of the waste: Asm Container # 724  
 Type of Cont. Fun Dump

GENERATOR	Generator's Name: <u>ENTERPRISE</u>		
	Generator's Address: <u>1014 Riley Ave, Farmington</u>		
	Waste Origin (Project or Location Name): <u>ENTERPRISE CHARG PLANT</u>		Telephone Number: <u>505 599 7005</u>
	Waste Origin Address:		
	Billing Information (if different from above):		
	Name: <u>EMVING TECH INC</u>	Job or P.O. No.: <u>041061 0040</u>	
	Company:		
	Billing Address: <u>5796 US 64 Farmington NM 87401</u>		Telephone Number: <u>505 632 0615</u>
	Transporter Information:		
	Transporter 1 Transporter Company Name: <u>EMVING TECH INC</u>		
Transporter Company Address: <u>5796 US 64 Farmington NM 87401</u>		Telephone Number: <u>505 632 0615</u>	
Transporter 2 Transporter Company Name:			
Transporter Company Address:			
Telephone Number:			
Destination Facility Information:			
Facility Name: <u>Contract Environmental Services, Inc.</u>		Telephone Number: <u>(970) 565-1198</u>	
Office Address: <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u>		Permit Number: <u>0405R2</u>	
Facility Location: <u>NE 1/4, S18, T39S, R26E, San Juan County, Utah</u>		State of Utah Class V Landfill	
Special Handling Instructions or Additional Information:			
Generator's Certification: <i>I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.</i>			
Printed/Typed Name: <u>DANALD CORTIZ</u>		Signature: _____ Date: _____	

TRANSPORTER	Transporter 1 Acknowledgement of Receipt of Asbestos Waste		Truck Number: <u>777</u>
	Printed/Typed Name: <u>Donnie Vigilante</u>		Signature: <u>[Signature]</u> Date: <u>5/26/22</u>
	Transporter 2 Acknowledgement of Receipt of Asbestos Waste		Truck Number:
	Printed/Typed Name:		Signature: _____ Date: _____

Contract Environmental Services, Inc.	Discrepancy Indication:																																					
	The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.																																					
	Additional Discrepancy:																																					
	Facility Owner or Operator: <i>I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.</i>																																					
	Printed/Typed Name: <u>THOMAS MERRIC</u>		Grid Number Deposited in: <u>70</u>																																			
Signature: _____		GPS info N _____ W _____																																				
Date: <u>5/26/72</u>		Acceptable condition: <u>Yes</u> No																																				
Time arriving at landfill: <u>12:30</u>		<table border="1"> <tr><td>21</td><td>20</td><td>19</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>27</td><td>26</td><td>25</td><td>8</td><td>8</td><td>7</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>33</td><td>32</td><td>31</td><td>15</td><td>14</td><td>13</td></tr> <tr><td>34</td><td>35</td><td>36</td><td>16</td><td>17</td><td>18</td></tr> </table>	21	20	19	3	2	1	22	23	24	4	5	6	27	26	25	8	8	7	28	29	30	10	11	12	33	32	31	15	14	13	34	35	36	16	17	18
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# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: 16235

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 8/5/2017 Delivery Time: 17:30  
 Volume or Weight: 20 CY Type and proper name of the waste: ACM Container #: 1029  
 Type of Cont: Landfill

GENERATOR	Generator's Name: <u>ENTERPRISE</u>																																				
	Generator's Address: <u>604 Rieley Ave Farmington, NM 87401</u>																																				
	Waste Origin (Project or Location Name): <u>ENTERPRISE</u>																																				
	Waste Origin Address:																																				
	Billing Information (if different from above):																																				
	Name: <u>ENTERPRISE INC.</u>	Job or P.O. No.: <u>040610040</u>																																			
	Company:																																				
	Billing Address: <u>5796 US. 64 Farmington, NM 87401</u>																																				
	Telephone Number: <u>505 637 0615</u>																																				
	Transporter Information:																																				
TRANSPORTER	Transporter 1 Transporter Company Name: <u>ENTERPRISE INC.</u>																																				
	Transporter Company Address: <u>5796 US. 64 Farmington, NM 87401</u>																																				
	Transporter 2 Transporter Company Name:																																				
	Transporter Company Address:																																				
	Telephone Number:																																				
	Destination Facility Information:																																				
	Facility Name: <u>Contract Environmental Services, Inc.</u>																																				
	Office Address: <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u>																																				
	Facility Location: <u>NE 1/4, S18, T39S, R26E, San Juan County, Utah</u>																																				
	Special Handling Instructions or Additional Information:																																				
Generator's Certification: <u>I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.</u>																																					
Printed/Typed Name: <u>DONALD ORTIZ</u>																																					
Signature:																																					
Date:																																					
TRANSPORTER	Transporter 1 Acknowledgement of Receipt of Asbestos Waste																																				
	Truck Number: <u>10100</u>																																				
	Printed/Typed Name: <u>LARRY REYALE</u>																																				
	Signature: <u>Larry Reyle</u>																																				
	Date: <u>8/5/2017</u>																																				
	Transporter 2 Acknowledgement of Receipt of Asbestos Waste																																				
	Truck Number:																																				
	Printed/Typed Name:																																				
	Signature:																																				
	Date:																																				
Contract Environmental Services, Inc.	Discrepancy Indication:																																				
	The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.																																				
	Additional Discrepancy:																																				
	Facility Owner or Operator: <u>I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.</u>																																				
	Printed/Typed Name: <u>THOMAS MENEZ</u>																																				
	Signature:																																				
	Date: <u>8/24/17</u>																																				
	Acceptable condition: <u>Yes</u> No																																				
	Grid Number Deposited in: <u>7C</u>																																				
	GPS info N <u>W</u>																																				
Time arriving at landfill: <u>17:30</u>																																					
<table border="1"> <tr><td>21</td><td>20</td><td>19</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>27</td><td>26</td><td>25</td><td>8</td><td>8</td><td>7</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>33</td><td>32</td><td>31</td><td>15</td><td>14</td><td>13</td></tr> <tr><td>34</td><td>35</td><td>36</td><td>16</td><td>17</td><td>18</td></tr> </table>		21	20	19	3	2	1	22	23	24	4	5	6	27	26	25	8	8	7	28	29	30	10	11	12	33	32	31	15	14	13	34	35	36	16	17	18
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# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: 15619

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 5-12-22 Delivery Time 12:00  
 Volume or Weight: 20 CY Type and proper name of the waste: Debris ACM Container # 724 Type of Cont. Blowdown

GENERATOR	Generator's Name: <u>Enterprise Chaco Plant</u>																																					
	Generator's Address: <u>614 Reily Ave, Farmington, NM</u>		Telephone Number: <u>505-599-2005</u>																																			
	Waste Origin (Project or Location Name): <u>Chaco Plant</u>																																					
	Waste Origin Address:																																					
	Billing Information (if different from above):																																					
	Name:		Job or P.O. No.: <u>04061-0040</u>																																			
	Company: <u>Envirotech Inc.</u>																																					
	Billing Address: <u>5796 US 64, Farmington, NM 87401</u>		Telephone Number: <u>505-632-0615</u>																																			
	Transporter Information:																																					
	Transporter 1 Transporter Company Name: <u>Envirotech Inc.</u>																																					
TRANSPORTER	Transporter Company Address: <u>5796 US 64, Farmington, NM 87401</u>		Telephone Number: <u>505-632-0615</u>																																			
	Transporter 2 Transporter Company Name:																																					
	Transporter Company Address:																																					
	Telephone Number:																																					
	Destination Facility Information:																																					
	Facility Name: <u>Contract Environmental Services, Inc.</u>		Telephone Number: <u>(970) 565-1198</u>																																			
	Office Address: <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u>		Permit Number: <u>0405R2</u>																																			
	Facility Location: <u>NE 1/4, S18, T39S, R26E, San Juan County, Utah</u>		State of Utah Class V Landfill																																			
	Special Handling Instructions or Additional Information:																																					
	Generator's Certification: <i>I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.</i>																																					
Printed/Typed Name: <u>Vernon Ortiz</u> Signature: <u>[Signature]</u> Date: <u>5-12-22</u>																																						
TRANSPORTER	Transporter 1 Acknowledgement of Receipt of Asbestos Waste		Truck Number: <u>722</u>																																			
	Printed/Typed Name: <u>Peterson Pinto</u> Signature: <u>[Signature]</u> Date: <u>5-12-2022</u>																																					
	Transporter 2 Acknowledgement of Receipt of Asbestos Waste		Truck Number:																																			
	Printed/Typed Name:		Date:																																			
	Signature:																																					
	Discrepancy Indication:																																					
The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.																																						
Additional Discrepancy:																																						
Facility Owner or Operator: <i>I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.</i>																																						
Printed/Typed Name: <u>NEED SIGNATURE</u>		Grid Number Deposited in: <u>9C</u>																																				
Signature: <u>[Signature]</u>		GPS info N <u>        </u> W <u>        </u>																																				
Date: <u>5-12-22</u> Acceptable condition: <u>Yes</u> No <u>        </u>		Time arriving at landfill: <u>12:00</u>																																				
		<table border="1"> <tr><td>21</td><td>20</td><td>19</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>27</td><td>26</td><td>25</td><td>9</td><td>8</td><td>7</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>33</td><td>32</td><td>31</td><td>15</td><td>14</td><td>13</td></tr> <tr><td>34</td><td>35</td><td>36</td><td>16</td><td>17</td><td>18</td></tr> </table>	21	20	19	3	2	1	22	23	24	4	5	6	27	26	25	9	8	7	28	29	30	10	11	12	33	32	31	15	14	13	34	35	36	16	17	18
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# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: **15620**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 5-12-22 Delivery Time 12:00  
 Volume or Weight: 20 CY Type and proper name of the waste Asbestos Container # 723  
 Type of Cont. Plastic

GENERATOR	Generator's Name: <u>Enterprise - Chaco Plant</u>																																				
	Generator's Address: <u>614 Reilly Ave, Farmington, NM 87401</u>																																				
	Waste Origin (Project or Location Name): <u>Chaco Plant</u>																																				
	Waste Origin Address:																																				
	Billing Information (if different from above):																																				
	Name:	Job or P.O. No.: <u>09061-0040</u>																																			
	Company: <u>Envirotech, Inc</u>																																				
	Billing Address: <u>5796 US 64, Farmington, NM 87401</u>																																				
	Telephone Number: <u>505-672-0615</u>																																				
	Transporter Information:																																				
TRANSPORTER	Transporter 1 Transporter Company Name: <u>Envirotech, Inc</u>																																				
	Transporter Company Address: <u>5796 US 64, Farmington, NM 87401</u>																																				
	Telephone Number: <u>505-672-0615</u>																																				
	Transporter 2 Transporter Company Name:																																				
	Transporter Company Address:																																				
	Telephone Number:																																				
	Destination Facility Information:																																				
	Facility Name: <u>Contract Environmental Services, Inc.</u>																																				
	Office Address: <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u>																																				
	Facility Location: <u>NE 1/4, S18, T39S, R26E, San Juan County, Utah</u>																																				
Special Handling Instructions or Additional Information:																																					
Generator's Certification: <u>I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.</u>																																					
Printed/Typed Name: <u>Donald Ortiz</u>																																					
Signature: <u>[Signature]</u>																																					
Date: <u>5-12-22</u>																																					
Contract Environmental Services, Inc.	Transporter 1 Acknowledgement of Receipt of Asbestos Waste																																				
	Truck Number: <u>626</u>																																				
	Printed/Typed Name: <u>Steven J McNeal</u>																																				
	Signature: <u>[Signature]</u>																																				
	Date: <u>5-12-22</u>																																				
	Transporter 2 Acknowledgement of Receipt of Asbestos Waste																																				
	Truck Number:																																				
	Printed/Typed Name:																																				
	Signature:																																				
	Date:																																				
Discrepancy Indication:																																					
The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request																																					
Additional Discrepancy:																																					
Facility Owner or Operator: <u>I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.</u>																																					
Printed/Typed Name: <u>Mike S. [Signature]</u>																																					
Signature: <u>[Signature]</u>																																					
Date: <u>5-12-22</u>																																					
Acceptable condition: <u>Yes</u> No																																					
Grid Number Deposited in: <u>90</u>																																					
GPS info N <u>W</u>																																					
Time arriving at landfill: <u>12:00</u>																																					
<table border="1"> <tr><td>21</td><td>20</td><td>19</td><td>3</td><td>2</td><td>1</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>27</td><td>26</td><td>25</td><td>9</td><td>8</td><td>7</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>10</td><td>11</td><td>12</td></tr> <tr><td>33</td><td>32</td><td>31</td><td>15</td><td>14</td><td>13</td></tr> <tr><td>34</td><td>35</td><td>36</td><td>16</td><td>17</td><td>18</td></tr> </table>		21	20	19	3	2	1	22	23	24	4	5	6	27	26	25	9	8	7	28	29	30	10	11	12	33	32	31	15	14	13	34	35	36	16	17	18
21	20	19	3	2	1																																
22	23	24	4	5	6																																
27	26	25	9	8	7																																
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34	35	36	16	17	18																																



# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number **15621**

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 5/13/22 Delivery Time 17:30  
 Volume or Weight: 20 CY Type and proper name of the waste Asm Container # 724  
 Type of Cont. No Dump

GENERATOR	Generator's Name: <u>Enterprise</u>		
	Generator's Address: <u>Enterprise - Chaco Plant</u> Telephone Number: <u>505-599-2005</u>		
	Waste Origin (Project or Location Name): <u>641 Rill, Ave, Farmington, NM 87401</u>		
	Waste Origin Address: <u>Chaco Plant</u>		
	Billing Information (if different from above):		
	Name:		Job or P.O. No.: <u>04061-0090</u>
	Company: <u>Envirotech Inc</u>		
	Billing Address: <u>5796 US 64, Farmington, NM</u> Telephone Number: <u>505-632-0610</u>		
	Transporter Information:		
	Transporter 1 Transporter Company Name: <u>Envirotech Inc</u>		
TRANSPORTER	Transporter Company Address: <u>5796 US 64 Farmington, NM 87401</u> Telephone Number: <u>505-632-0610</u>		
	Transporter 2 Transporter Company Name:		
	Transporter Company Address:		
	Telephone Number:		
	Destination Facility Information:		
	Facility Name: <u>Contract Environmental Services, Inc.</u>		Telephone Number: <u>(970) 565-1198</u>
	Office Address: <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u>		Permit Number: <u>0405R2</u>
	Facility Location: <u>NE 1/4, S18, T39S, R26E, San Juan County, Utah</u>		State of Utah Class V Landfill
	Special Handling Instructions or Additional Information:		
	Generator's Certification: <i>I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.</i>		
Printed/Typed Name: <u>Theresa Oliver</u> Signature: <u>[Signature]</u> Date: <u>5-13-22</u>			
Contract Environmental Services, Inc.	Transporter 1 Acknowledgement of Receipt of Asbestos Waste		
	Printed/Typed Name: <u>Peter Pan</u> Signature: <u>[Signature]</u> Date: <u>5-13-2022</u>		Truck Number: <u>772</u>
	Transporter 2 Acknowledgement of Receipt of Asbestos Waste		
	Printed/Typed Name:		Truck Number:
	Signature:		Date:
	Discrepancy Indication:		
The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.			
Additional Discrepancy:			
Facility Owner or Operator: <i>I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.</i>			
Printed/Typed Name: <u>Thomas, Marie</u>		Grid Number Deposited in: <u>70</u>	
Signature: <u>[Signature]</u>		GPS info <u>N</u>	
Date: <u>5/13/22</u>		<u>W</u>	
Acceptable condition: <u>(Yes)</u> No		Time arriving at landfill: <u>17:30</u>	

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	9	8	7
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	10



# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: 15622

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 5/13/22 Delivery Time 17:30  
 Volume or Weight: 20 Type and proper name of the waste ACRM Container # 729  
 CY 1 Type of Cont. END DUMP

GENERATOR	Generator's Name: <u>Enterprise</u>	
	Generator's Address: <u>614 Riely Ave Farmington, NM</u>	
	Telephone Number: <u>505-599-2005</u>	
	Waste Origin (Project or Location Name): <u>Chaco Plant</u>	
	Waste Origin Address:	
	Billing Information (if different from above):	
	Name:	Job or P.O. No.: <u>09061-0040</u>
	Company: <u>Envirotech, Inc</u>	
	Billing Address: <u>5796 US 64 Farmington, NM</u>	
	Telephone Number: <u>505-632-0615</u>	
Transporter Information:		
TRANSPORTER	Transporter 1 Transporter Company Name: <u>Envirotech, Inc</u>	
	Transporter Company Address: <u>5796 US 64 Farmington, NM</u>	
	Telephone Number: <u>505-632-0615</u>	
	Transporter 2 Transporter Company Name:	
	Transporter Company Address:	
	Telephone Number:	
Destination Facility Information:		
Facility Name: <u>Contract Environmental Services, Inc.</u>		
Telephone Number: <u>(970) 565-1198</u>		
Office Address: <u>925 S. Broadway, Suite 251, Cortez, CO 81321</u>		
Permit Number: <u>0405R2</u>		
Facility Location: <u>NE 1/4, S18, T39S, R26E, San Juan County, Utah</u>		
State of Utah Class V Landfill		
Special Handling Instructions or Additional Information:		

Generator's Certification: I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.

Printed/Typed Name: Koraid Ortiz Signature: [Signature] Date: 5-13-22

Transporter 1 Acknowledgement of Receipt of Asbestos Waste Truck Number: 713

Printed/Typed Name: DAVID BEACH Signature: [Signature] Date: 5-13-22

Transporter 2 Acknowledgement of Receipt of Asbestos Waste Truck Number:

Printed/Typed Name: Signature: Date:

### Discrepancy Indication:

The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request.

Additional Discrepancy:

Facility Owner or Operator: I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.

Printed/Typed Name: THOMAS, MERRIE Grid Number Deposited in: 90  
 Signature: [Signature] GPS info N W  
 Date: 5/13/22 Acceptable condition: Yes No  
 Time arriving at landfill: 17:30

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	8	7	
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	18





# CONTRACT ENVIRONMENTAL SERVICES, INC.

925 S. Broadway, Suite 251 • Cortez, Colorado 81321 • (970) 565-1198

Manifest Number: 15623

## Asbestos Landfill Manifest

Delivery Date (mm/dd/yy): 5/13/72 Delivery Time 12:30  
 Volume or Weight: 70 CY Type and proper name of the waste: Acn Container # 578  
 Type of Cont. Landfill

Generator's Name: Enterprise  
 Generator's Address: 614 Rely Ave, Farmington, NM Telephone Number: 505-599-2005  
 Waste Origin (Project or Location Name): Charco Plant  
 Waste Origin Address:

### Billing Information (if different from above):

Name: \_\_\_\_\_ Job or P.O. No.: 09/061-0040  
 Company: Envirotech Inc  
 Billing Address: 5796 US 64, Farmington, NM Telephone Number: 505-632-0615

### Transporter Information:

Transporter 1 Transporter Company Name: Envirotech Inc  
 Transporter Company Address: 5796 US 64, Farmington, NM Telephone Number: 505-632-0615  
 Transporter 2 Transporter Company Name: Envirotech Inc  
 Transporter Company Address: \_\_\_\_\_ Telephone Number: \_\_\_\_\_

### Destination Facility Information:

Facility Name: Contract Environmental Services, Inc. Telephone Number: (970) 565-1198  
 Office Address: 925 S. Broadway, Suite 251, Cortez, CO 81321 Permit Number: 0405R2  
 Facility Location: NE 1/4, S18, T39S, R26E, San Juan County, Utah State of Utah Class V Landfill

### Special Handling Instructions or Additional Information:

Generator's Certification: *I hereby certify that the contents of this shipment are fully and accurately described above by type and proper name of the waste, and that such waste has been managed, packaged, containerized and labeled in accordance with the requirements of all federal, state and local regulations.*

Printed/Typed Name: Donna O'Neil Signature: [Signature] Date: 5/13/72

Transporter 1 Acknowledgement of Receipt of Asbestos Waste Truck Number: 560

Printed/Typed Name: Gilbert Core Signature: [Signature] Date: 5/13/72

Transporter 2 Acknowledgement of Receipt of Asbestos Waste Truck Number:

Printed/Typed Name: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### Discrepancy Indication:

The original copy of manifest will be kept in Cortez, CO office of Contract Environmental Services, Inc. for the State of Utah permit requirement purpose. A copy will be sent to above address of the BILLING COMPANY for their records. Additional copies are available upon request

Additional Discrepancy:

Facility Owner or Operator: *I hereby acknowledge receipt of the asbestos waste as indicated upon this manifest, except as noted above in the Discrepancy Indication.*

Printed/Typed Name: Donna O'Neil

Signature: \_\_\_\_\_

Date: 5/13/72

Acceptable condition: Yes No

Grid Number Deposited in: 90

GPS info N \_\_\_\_\_

W \_\_\_\_\_

Time arriving at landfill: 12:30

21	20	19	3	2	1
22	23	24	4	5	6
27	26	25	9	8	7
28	29	30	10	11	12
33	32	31	15	14	13
34	35	36	16	17	18





## APPENDIX F

### Photographic Documentation

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**Site Photography  
Enterprise Field Services, LLC.  
Chaco Plant Produced Water Spill  
Incident # nAPP2202747264  
Unit E, Section 16, T26N, R12W  
San Juan County, New Mexico  
Project #04061-0042**



Picture 1: Excavation (View 1)



Picture 2: Excavation (View 2)

**Site Photography  
Enterprise Field Services, LLC.  
Chaco Plant Produced Water Spill  
Incident # nAPP2202747264  
Unit E, Section 16, T26N, R12W  
San Juan County, New Mexico  
Project #04061-0042**

**May 16, 2022**



Picture 3: Hydrogen Peroxide Application (View 1)



Picture 4: Hydrogen Peroxide Application (View 2)



**Site Photography  
Enterprise Field Services, LLC.  
Chaco Plant Produced Water Spill  
Incident # nAPP2202747264  
Unit E, Section 16, T26N, R12W  
San Juan County, New Mexico  
Project #04061-0042**



Picture 5: Hydrogen Peroxide Application (View 3)



Picture 6: Hydrogen Peroxide Application (View 4)

**Site Photography  
Enterprise Field Services, LLC.  
Chaco Plant Produced Water Spill  
Incident # nAPP2202747264  
Unit E, Section 16, T26N, R12W  
San Juan County, New Mexico  
Project #04061-0042**

**June 27, 2022**



Picture 7: Site Overview



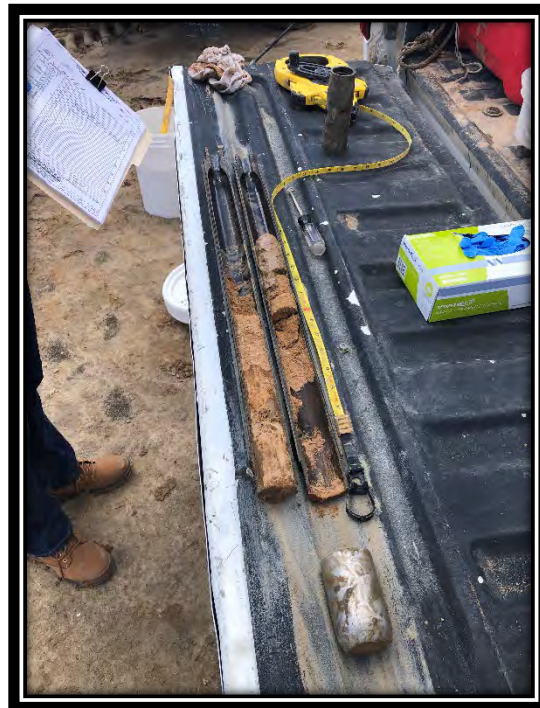
Picture 8: View of Hydroexcavated Soil Boring (SB) Location



**Site Photography  
Enterprise Field Services, LLC.  
Chaco Plant Produced Water Spill  
Incident # nAPP2202747264  
Unit E, Section 16, T26N, R12W  
San Juan County, New Mexico  
Project #04061-0042**



Picture 9: SB-1/Monitoring Well (MW)-1 @ 7-7.5'



Picture 10: SB-1/MW-1 @ 10-12'

**Site Photography  
Enterprise Field Services, LLC.  
Chaco Plant Produced Water Spill  
Incident # nAPP2202747264  
Unit E, Section 16, T26N, R12W  
San Juan County, New Mexico  
Project #04061-0042**



Picture 11: SB-1/MW-1 @ 15-17'



Picture 12: SB-1/MW-1 @ 35-36'



**Site Photography  
Enterprise Field Services, LLC.  
Chaco Plant Produced Water Spill  
Incident # nAPP2202747264  
Unit E, Section 16, T26N, R12W  
San Juan County, New Mexico  
Project #04061-0042**



Picture 13: SB-2/MW-2 @ 25-27'



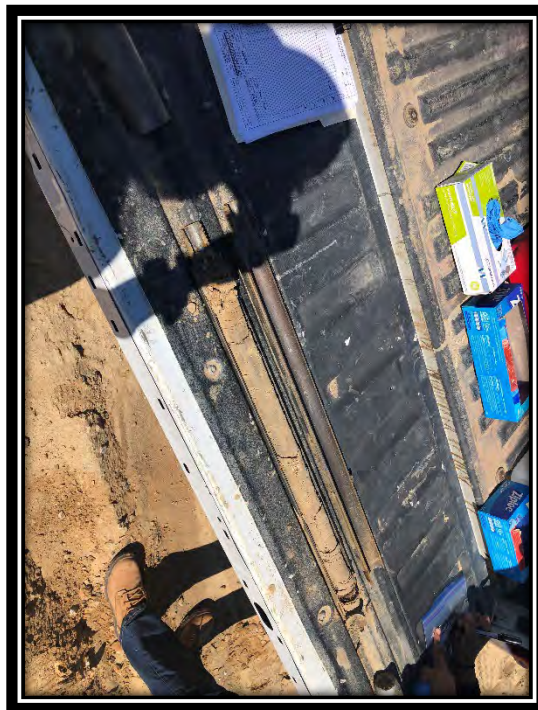
Picture 14: SB-2/MW-2 @ 30-32'

**Site Photography  
Enterprise Field Services, LLC.  
Chaco Plant Produced Water Spill  
Incident # nAPP2202747264  
Unit E, Section 16, T26N, R12W  
San Juan County, New Mexico  
Project #04061-0042**



Picture 15: SB-2/MW-2 @ 35-37'

**June 28, 2022**



Picture 16: SB-3/MW-3 @ 26-28'



**Site Photography  
Enterprise Field Services, LLC.  
Chaco Plant Produced Water Spill  
Incident # nAPP2202747264  
Unit E, Section 16, T26N, R12W  
San Juan County, New Mexico  
Project #04061-0042**



Picture 17: SB-3/MW-3 @ 30-32'



Picture 18: SB-3/MW-3 @ 35-37'



**Site Photography  
Enterprise Field Services, LLC.  
Chaco Plant Produced Water Spill  
Incident # nAPP2202747264  
Unit E, Section 16, T26N, R12W  
San Juan County, New Mexico  
Project #04061-0042**



Picture 19: SB-4/MW-4 @ 25-27'



Picture 20: SB-4/MW-4 @ 53-54'

**Site Photography  
Enterprise Field Services, LLC.  
Chaco Plant Produced Water Spill  
Incident # nAPP2202747264  
Unit E, Section 16, T26N, R12W  
San Juan County, New Mexico  
Project #04061-0042**

**June 29, 2022**



Picture 21: SB-5/MW-5 @ 5-8'



Picture 22: SB-5/MW-5 @ 35-37'

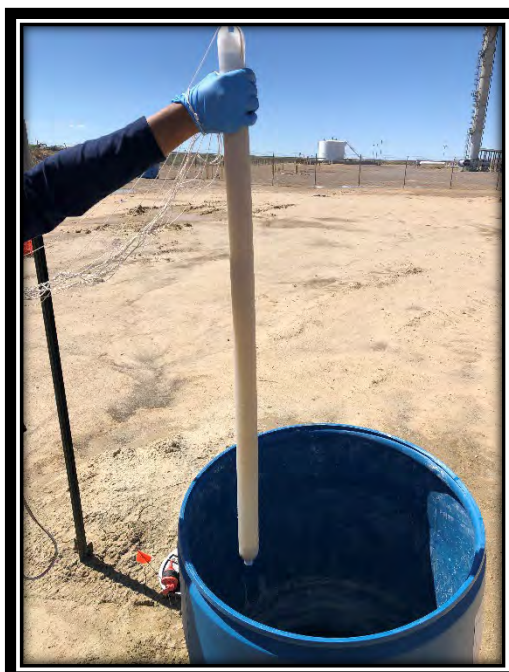
**Site Photography  
Enterprise Field Services, LLC.  
Chaco Plant Produced Water Spill  
Incident # nAPP2202747264  
Unit E, Section 16, T26N, R12W  
San Juan County, New Mexico  
Project #04061-0042**

**July 5, 2022**



Picture 23: MW-4 Development

**July 7, 2022**



Picture 18: MW-24 Monitoring and Sampling





## APPENDIX G

### Regulatory Correspondence

---

**From:** [Long, Thomas](#)  
**To:** [Brittany Hall](#)  
**Subject:** FW: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264  
**Date:** Monday, May 23, 2022 2:17:52 PM

---

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

FYI

Thomas J. Long  
Senior Environmental Scientist  
Enterprise Products Company  
614 Reilly Ave.  
Farmington, New Mexico 87401  
505-599-2286 (office)  
505-215-4727 (Cell)  
[tjlong@eprod.com](mailto:tjlong@eprod.com)



---

**From:** Velez, Nelson, EMNRD <Nelson.Velez@state.nm.us>  
**Sent:** Thursday, May 5, 2022 10:55 AM  
**To:** Long, Thomas <tjlong@eprod.com>  
**Cc:** Stone, Brian <bmstone@eprod.com>; Tami Knight <TKnight@envirotech-inc.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>  
**Subject:** RE: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

[Use caution with links/attachments]

In lieu of Enterprise's pro-active approach and submittal of the appropriate site assessment documentation regarding this incident, your request for a 90 day extension beyond the 04/26/2022 remediation due date is approved. In addition, the initial proposed remedial action is verbally approved. Enterprise must submit the finalized remediation plan through the C-141 portal as soon as practicable (30 days maximum from this correspondence) with the necessary documentation (e.g. safety data sheet for H<sub>2</sub>O<sub>2</sub>, application technique, etc.) to support the future activities.

The updated remediation due date is now 07/29/2022.

According to our records, this is an initial time extension request.



Please keep a copy of this communication for inclusion within the appropriate reporting documentation.

The OCD requires a copy of all correspondence related to remedial activities be included in all proposals, weekly/monthly/quarterly/semi-annual/annual, or final closure reports. Correspondence reporting requirements may include, but not limited to, notifications for sampling or drilling event(s), and request for time extension(s) or variance(s).

If you have any questions, please contact me via email at your convenience.

Thanks again

Regards,

**Nelson Velez** • Environmental Specialist - Adv  
Environmental Bureau | EMNRD - Oil Conservation Division  
1000 Rio Brazos Road | Aztec, NM 87410  
(505) 469-6146 | [nelson.velez@state.nm.us](mailto:nelson.velez@state.nm.us)

Hrs.: 7:00–11:00 am & 12:00–3:30 pm Mon.–Thur.  
7:00–11:00 am & 12:00–4:00 pm Fri.

---

**From:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Sent:** Thursday, May 5, 2022 8:22 AM  
**To:** Velez, Nelson, EMNRD <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>; Tami Knight <[TKnight@envirotech-inc.com](mailto:TKnight@envirotech-inc.com)>  
**Subject:** RE: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

Nelson,

This email is a time extension request of 90 days to continue the delineation and remediation activities associated with the Chaco Plant Produced Water release that occurred on January 26, 2022. To date, Enterprise has been remediating the release by contaminant mass removal. The current excavation is approximately 25 feet long by 20 feet wide by 25 feet deep. Approximately 500 cubic yards of hydrocarbon contaminated soil has been excavated and transported to a NMOCD approved landfarm facility for proper disposal. A majority of the release has been remediated to the NMOCD Tier I remediation standards. Two soil samples (CS-45 and CS-46) exhibit contaminant concentrations exceeding the NMOCD Tier I remediation standards. These soil samples were collected from the capillary fringe/smear zone located approximately 22 to 25 feet below ground surface. Please see the attachment for analytical results and a map illustrating where soil samples exceed the Tier I remediation standards. Because contaminant concentrations exceeding Tier I standards only exist in the capillary fringe/smear zone with approximately 22 feet of clean overburden material, contaminant mass removal by excavating would not continue to be a

practicable remediation method. Enterprise proposes an alternate remediation approach. Enterprise requests to apply a hydrogen peroxide solution to the excavation side walls and then backfill the excavation with clean fill material. Upon completion, Enterprise proposes to install soil borings and/or groundwater monitoring wells utilizing a hollow stem augur drilling rig in an effort to continue delineation and remediation activities. Please acknowledge acceptance of this time extension request and alternate remediation approach. If you have any questions, please call or email.

Thomas J. Long  
Senior Environmental Scientist  
Enterprise Products Company  
614 Reilly Ave.  
Farmington, New Mexico 87401  
505-599-2286 (office)  
505-215-4727 (Cell)  
[tjlong@eprod.com](mailto:tjlong@eprod.com)



---

**From:** Long, Thomas  
**Sent:** Wednesday, April 27, 2022 2:06 PM  
**To:** 'Velez, Nelson, EMNRD' <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>; [tknight@envirotech-inc.com](mailto:tknight@envirotech-inc.com); Tami Knight <[TKnight@envirotech-inc.com](mailto:TKnight@envirotech-inc.com)>  
**Subject:** RE: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

Nelson,

This email is a notification that Enterprise will be collecting soil samples for laboratory analysis tomorrow April 28, 2022 at 3:00 p.m. Unfortunately, we were not ready to collect the samples today. If you have any questions, please call or email.

Thomas J. Long  
Senior Environmental Scientist  
Enterprise Products Company  
614 Reilly Ave.  
Farmington, New Mexico 87401  
505-599-2286 (office)  
505-215-4727 (Cell)  
[tjlong@eprod.com](mailto:tjlong@eprod.com)



---

**From:** Velez, Nelson, EMNRD <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Sent:** Wednesday, April 27, 2022 10:11 AM  
**To:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>; [tknight@envirotech-inc.com](mailto:tknight@envirotech-inc.com); Tami Knight <[TKnight@envirotech-inc.com](mailto:TKnight@envirotech-inc.com)>  
**Subject:** RE: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

[Use caution with links/attachments]

Your variance to modify the sampling notification per 19.15.29.12D (1a) NMAC is approved. If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC. For whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the final closure report submittal.

**Nelson Velez** • Environmental Specialist - Adv  
Environmental Bureau | EMNRD - Oil Conservation Division  
1000 Rio Brazos Road | Aztec, NM 87410  
(505) 469-6146 | [nelson.velez@state.nm.us](mailto:nelson.velez@state.nm.us)

Hrs.: 7:00-11:00 am & 12:00-3:30 pm Mon.-Thur.  
7:00-11:00 am & 12:00-4:00 pm Fri.

---

**From:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Sent:** Wednesday, April 27, 2022 7:43 AM  
**To:** Velez, Nelson, EMNRD <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>; [tknight@envirotech-inc.com](mailto:tknight@envirotech-inc.com); Tami Knight <[TKnight@envirotech-inc.com](mailto:TKnight@envirotech-inc.com)>  
**Subject:** RE: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

Nelson,

Please find the attached site map and lab report for the Chaco Plant Produced Water Spill excavation. All sample results are below the NMOC Tier I remediation standards. The sample identifications are for upper and lower intervals (example CS-30/CS-31) to meet the 200 square foot

sampling requirement. We still have to clean out the bottom/base and sample it. We plan on doing that this afternoon and I am requesting another variance request for the required 48 hour sample notification, as that we would like to sample around 3:00 p.m. Enterprise will be collecting soil samples on the base every 200 square feet as per NMCOD regulation. If we do not sample the base this afternoon, it will be Friday afternoon and I will send a follow up notification. Please acknowledge acceptance of this variance request. If you have any questions, please call or email.

Thomas J. Long  
Senior Environmental Scientist  
Enterprise Products Company  
614 Reilly Ave.  
Farmington, New Mexico 87401  
505-599-2286 (office)  
505-215-4727 (Cell)  
[tjlong@eprod.com](mailto:tjlong@eprod.com)



---

**From:** Velez, Nelson, EMNRD <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Sent:** Thursday, April 21, 2022 10:58 AM  
**To:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>; [tknight@envirotech-inc.com](mailto:tknight@envirotech-inc.com)  
**Subject:** RE: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

[Use caution with links/attachments]

If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC. For whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the final closure report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposal and/or final closure reports.

Correspondence required to be included in reports may include, but not limited to, time extension requests, liner inspection notifications, sample event notifications, spill/release/fire notifications, and variance requests.

Thanks again.

Regards

**Nelson Velez** • Environmental Specialist - Adv  
Environmental Bureau | EMNRD - Oil Conservation Division  
1000 Rio Brazos Road | Aztec, NM 87410  
(505) 469-6146 | [nelson.velez@state.nm.us](mailto:nelson.velez@state.nm.us)

Hrs.: 7:00–11:00 am & 12:00–3:30 pm Mon.–Thur.  
7:00–11:00 am & 12:00–4:00 pm Fri.

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**From:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Sent:** Thursday, April 21, 2022 9:48 AM  
**To:** Velez, Nelson, EMNRD <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>; [tknight@envirotech-inc.com](mailto:tknight@envirotech-inc.com)  
**Subject:** FW: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

Nelson,

This email is a follow up to our phone conversation earlier. Enterprise requests a variance for the required 48 hour sample notification. Enterprise requests to sample the entire excavation to establish a baseline. Enterprise will be collecting soil samples every 200 square feet as per NMCOD regulation. Please acknowledge acceptance of this variance request. If you have any questions, please call or email.

Thomas J. Long  
Senior Environmental Scientist  
Enterprise Products Company  
614 Reilly Ave.  
Farmington, New Mexico 87401  
505-599-2286 (office)  
505-215-4727 (Cell)  
[tjlong@eprod.com](mailto:tjlong@eprod.com)



---

**From:** Long, Thomas  
**Sent:** Thursday, April 14, 2022 10:55 AM  
**To:** 'Velez, Nelson, EMNRD' <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>  
**Subject:** RE: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

Nelson,

I am sending notification today because tomorrow is a holiday for Enterprise. This email is a notification that Enterprise will be collecting soil samples for laboratory analysis at the Chaco Plant Produced Water Spill excavation Monday, April 18, 2022 at 3:00 p.m. If you have any questions,



please call or email.

Thomas J. Long  
Senior Environmental Scientist  
Enterprise Products Company  
614 Reilly Ave.  
Farmington, New Mexico 87401  
505-599-2286 (office)  
505-215-4727 (Cell)  
[tjlong@eprod.com](mailto:tjlong@eprod.com)



---

**From:** Velez, Nelson, EMNRD <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Sent:** Friday, April 8, 2022 7:39 AM  
**To:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>  
**Subject:** RE: [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

[Use caution with links/attachments]

Thank you for the notice. If an OCD representative is not on-site on the date &/or time given, please sample per 19.15.29 NMAC. For whatever reason, if the sampling timeframe is altered, please notify the OCD as soon as possible so we may adjust our schedule(s). Failure to notify the OCD of this change may result in the closure sample(s) not being accepted.

Please keep a copy of this communication for inclusion within the final closure report submittal.

The OCD requires a copy of all correspondence relative to remedial activities be included in all proposal and/or final closure reports.

Correspondence required to be included in reports may include, but not limited to, time extension requests, liner inspection notifications, sample event notifications, spill/release/fire notifications, and variance requests.

Thanks again.

Regards

**Nelson Velez** • Environmental Specialist - Adv  
Environmental Bureau | EMNRD - Oil Conservation Division  
1000 Rio Brazos Road | Aztec, NM 87410  
(505) 469-6146 | [nelson.velez@state.nm.us](mailto:nelson.velez@state.nm.us)

Hrs.: 7:00-11:00 am & 12:00-3:30 pm Mon.-Thur.  
7:00-11:00 am & 12:00-4:00 pm Fri.

---

**From:** Long, Thomas <[tjlong@eprod.com](mailto:tjlong@eprod.com)>  
**Sent:** Friday, April 8, 2022 7:37 AM  
**To:** Velez, Nelson, EMNRD <[Nelson.Velez@state.nm.us](mailto:Nelson.Velez@state.nm.us)>  
**Cc:** Stone, Brian <[bmstone@eprod.com](mailto:bmstone@eprod.com)>  
**Subject:** [EXTERNAL] Chaco Plant Produced Water Spill; UL E Section 16 T26N R12W;36.484021, -108.11705; Incident #nAPP2202747264

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Nelson,

This email is a notification that Enterprise will be collecting soil samples for laboratory analysis at the Chaco Plant Produced Water Spill excavation Monday, April 11, 2022 at 10:00 a.m. If you have any questions, please call or email.

Thomas J. Long  
Senior Environmental Scientist  
Enterprise Products Company  
614 Reilly Ave.  
Farmington, New Mexico 87401  
505-599-2286 (office)  
505-215-4727 (Cell)  
[tjlong@eprod.com](mailto:tjlong@eprod.com)



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This message (including any attachments) is confidential and intended for a specific individual and purpose. If you are not the intended recipient, please notify the sender immediately and delete this message.



## APPENDIX H

### Laboratory Analytical Reports & Chain of Custody Documentation

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Report to:  
Greg Crabtree



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Enterprise Products

Project Name: Chaco Plant

Work Order: E204090

Job Number: 04061-0040

Received: 4/18/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/20/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 4/20/22

Greg Crabtree  
614 Reilly Ave  
Farmington, NM 87401



Project Name: Chaco Plant  
Workorder: E204090  
Date Received: 4/18/2022 4:47:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/18/2022 4:47:00PM, under the Project Name: Chaco Plant.

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

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

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

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

Respectfully,

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

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

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

Field Offices:

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

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

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



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Sample Summary

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0040	
Farmington NM, 87401	Project Manager:	Greg Crabtree	04/20/22 15:49

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-13	E204090-01A	Soil	04/18/22	04/18/22	Glass Jar, 4 oz.



## Sample Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant Project Number: 04061-0040 Project Manager: Greg Crabtree	<b>Reported:</b> 4/20/2022 3:49:35PM
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### CS-13

#### E204090-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217002
Benzene	27.5	0.500	20	04/19/22	04/19/22	
Ethylbenzene	29.0	0.500	20	04/19/22	04/19/22	
Toluene	308	0.500	20	04/19/22	04/19/22	
o-Xylene	49.0	0.500	20	04/19/22	04/19/22	
p,m-Xylene	192	1.00	20	04/19/22	04/19/22	
Total Xylenes	241	0.500	20	04/19/22	04/19/22	
Surrogate: 4-Bromochlorobenzene-PID	99.8 %	70-130		04/19/22	04/19/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217002
Gasoline Range Organics (C6-C10)	1610	400	20	04/19/22	04/19/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	93.6 %	70-130		04/19/22	04/19/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: AK		Batch: 2217007
Diesel Range Organics (C10-C28)	ND	25.0	1	04/19/22	04/19/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/19/22	04/19/22	
Surrogate: n-Nonane	92.0 %	50-200		04/19/22	04/19/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: CS		Batch: 2217004
Chloride	ND	20.0	1	04/19/22	04/19/22	



## QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	<b>Reported:</b>
614 Reilly Ave	Project Number:	04061-0040	
Farmington NM, 87401	Project Manager:	Greg Crabtree	4/20/2022 3:49:35PM

## Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2217002-BLK1)

Prepared: 04/19/22 Analyzed: 04/20/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.71		8.00		96.4	70-130			

## LCS (2217002-BS1)

Prepared: 04/19/22 Analyzed: 04/19/22

Benzene	4.74	0.0250	5.00		94.9	70-130			
Ethylbenzene	4.56	0.0250	5.00		91.2	70-130			
Toluene	4.75	0.0250	5.00		95.0	70-130			
o-Xylene	4.77	0.0250	5.00		95.4	70-130			
p,m-Xylene	9.40	0.0500	10.0		94.0	70-130			
Total Xylenes	14.2	0.0250	15.0		94.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.41		8.00		105	70-130			

## LCS Dup (2217002-BSD1)

Prepared: 04/19/22 Analyzed: 04/19/22

Benzene	4.93	0.0250	5.00		98.5	70-130	3.76	20	
Ethylbenzene	4.71	0.0250	5.00		94.2	70-130	3.18	20	
Toluene	4.92	0.0250	5.00		98.5	70-130	3.54	20	
o-Xylene	4.92	0.0250	5.00		98.4	70-130	3.13	20	
p,m-Xylene	9.70	0.0500	10.0		97.0	70-130	3.12	20	
Total Xylenes	14.6	0.0250	15.0		97.5	70-130	3.12	20	
Surrogate: 4-Bromochlorobenzene-PID	8.11		8.00		101	70-130			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0040	
Farmington NM, 87401	Project Manager:	Greg Crabtree	4/20/2022 3:49:35PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2217002-BLK1) Prepared: 04/19/22 Analyzed: 04/20/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.2	70-130			

LCS (2217002-BS2) Prepared: 04/19/22 Analyzed: 04/20/22

Gasoline Range Organics (C6-C10)	47.3	20.0	50.0		94.6	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	70-130			

LCS Dup (2217002-BSD2) Prepared: 04/19/22 Analyzed: 04/20/22

Gasoline Range Organics (C6-C10)	52.0	20.0	50.0		104	70-130	9.36	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.12		8.00		89.0	70-130			





## QC Summary Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant Project Number: 04061-0040 Project Manager: Greg Crabtree	Reported: 4/20/2022 3:49:35PM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: AK

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2217007-BLK1)

Prepared: 04/19/22 Analyzed: 04/19/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.9		50.0		87.8	50-200			

## LCS (2217007-BS1)

Prepared: 04/19/22 Analyzed: 04/19/22

Diesel Range Organics (C10-C28)	491	25.0	500		98.2	38-132			
Surrogate: n-Nonane	46.9		50.0		93.9	50-200			

## Matrix Spike (2217007-MS1)

Source: E204089-02

Prepared: 04/19/22 Analyzed: 04/19/22

Diesel Range Organics (C10-C28)	479	25.0	500	ND	95.8	38-132			
Surrogate: n-Nonane	44.7		50.0		89.5	50-200			

## Matrix Spike Dup (2217007-MSD1)

Source: E204089-02

Prepared: 04/19/22 Analyzed: 04/19/22

Diesel Range Organics (C10-C28)	487	25.0	500	ND	97.4	38-132	1.69	20	
Surrogate: n-Nonane	47.2		50.0		94.4	50-200			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0040	
Farmington NM, 87401	Project Manager:	Greg Crabtree	4/20/2022 3:49:35PM

Anions by EPA 300.0/9056A

Analyst: CS

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

Blank (2217004-BLK1)					Prepared: 04/19/22 Analyzed: 04/19/22				
Chloride	ND	20.0							
LCS (2217004-BS1)					Prepared: 04/19/22 Analyzed: 04/19/22				
Chloride	247	20.0	250		98.8	90-110			
Matrix Spike (2217004-MS1)					Source: E204083-01		Prepared: 04/19/22 Analyzed: 04/19/22		
Chloride	298	20.0	250	48.8	99.8	80-120			
Matrix Spike Dup (2217004-MSD1)					Source: E204083-01		Prepared: 04/19/22 Analyzed: 04/19/22		
Chloride	300	20.0	250	48.8	101	80-120	0.755	20	

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



Definitions and Notes

Enterprise Products	Project Name:	Chaco Plant	
614 Reilly Ave	Project Number:	04061-0040	Reported:
Farmington NM, 87401	Project Manager:	Greg Crabtree	04/20/22 15:49

- 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.



Client: Enterprise Products						Bill To							Lab Use Only								TAT				EPA Program			
Project: Chaco Plant						Attention:							Lab WO# E204090				Job Number 04061-0040				1D	2D	3D	Standard	CWA	SDWA		
Project Manager: Greg Crabtree						Address:															X							
Address:						City, State, Zip							Analysis and Method								RCRA							
City, State, Zip						Phone:															x							
Phone:						Email:																						
Email: Tknight Gcrabtree Bhall Igarzia KSanchez																												
DCarter Gbenally																												
Report due by:																												
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	TCLP VOC's	TCLP S-VOCs	TCLP RCRA 8 Metals	BTEX	TPH	Chlorides								NM	CO	UT	AZ	TX	Remarks				
14:40	4/18/2022	S	1	CS-13	1				X	X	X								x									
Additional Instructions:																												
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.												Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																
Sampled by: Gilbert Benally																												
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																							
[Signature]	4-18-22	16:46	[Signature]	4/18/22	16:47																							
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																							
Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Date	Time																							
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other						Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																						
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																												

## Envirotech Analytical Laboratory

Printed: 4/18/2022 6:00:31PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Enterprise Products	Date Received:	04/18/22 16:47	Work Order ID:	E204090
Phone:	(505)599-2104	Date Logged In:	04/18/22 17:58	Logged In By:	Alexa Michaels
Email:		Due Date:	04/19/22 17:00 (1 day TAT)		

**Chain of Custody (COC)**

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: Gilbert Benally**Comments/Resolution****Sample Turn Around Time (TAT)**

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

**Sample Cooler**

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

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

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

**Sample Container**

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

**Field Label**

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

**Sample Preservation**

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

**Multiphase Sample Matrix**

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

**Subcontract Laboratory**

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

**Client Instruction**

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

Date



envirotech Inc.



Report to:  
Greg Crabtree



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Enterprise Products

Project Name: Chaco Plant

Work Order: E204116

Job Number: 04061-0040

Received: 4/21/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
4/26/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 4/26/22

Greg Crabtree  
614 Reilly Ave  
Farmington, NM 87401



Project Name: Chaco Plant  
Workorder: E204116  
Date Received: 4/21/2022 6:46:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/21/2022 6:46:00PM, under the Project Name: Chaco Plant.

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

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

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

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

Respectfully,

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

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

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
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[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

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

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

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## Sample Summary

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant Project Number: 04061-0040 Project Manager: Greg Crabtree	Reported: 04/26/22 13:32
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-30	E204116-01A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-01B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-31	E204116-02A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-02B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-32	E204116-03A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-03B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-33	E204116-04A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-04B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-34	E204116-05A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-05B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-35	E204116-06A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-06B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-36	E204116-07A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-07B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-37	E204116-08A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-38	E204116-09A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-09B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-39	E204116-10A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-10B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-40	E204116-11A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-11B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
CS-41	E204116-12A	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.
	E204116-12B	Soil	04/21/22	04/21/22	Glass Jar, 4 oz.



## Sample Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant Project Number: 04061-0040 Project Manager: Greg Crabtree	<b>Reported:</b> 4/26/2022 1:32:57PM
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### CS-30

#### E204116-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	<b>0.0268</b>	0.0250	1	04/22/22	04/25/22	
o-Xylene	ND	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	ND	0.0500	1	04/22/22	04/25/22	
Total Xylenes	ND	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	96.9 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	88.6 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2217043	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/22/22	
<i>Surrogate: n-Nonane</i>	129 %	50-200		04/22/22	04/22/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: RAS		Batch: 2217039	
Chloride	ND	20.0	1	04/22/22	04/22/22	





## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

## CS-31

## E204116-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2217050
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	<b>0.125</b>	0.0250	1	04/22/22	04/25/22	
o-Xylene	<b>0.121</b>	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	<b>0.283</b>	0.0500	1	04/22/22	04/25/22	
Total Xylenes	<b>0.404</b>	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		97.7 %	70-130	04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2217050
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		87.3 %	70-130	04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL		Batch: 2217043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/22/22	
<i>Surrogate: n-Nonane</i>		111 %	50-200	04/22/22	04/22/22	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: RAS		Batch: 2217039
Chloride	ND	20.0	1	04/22/22	04/22/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

CS-32

E204116-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	ND	0.0250	1	04/22/22	04/25/22	
o-Xylene	ND	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	ND	0.0500	1	04/22/22	04/25/22	
Total Xylenes	ND	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2217043	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/22/22	
<i>Surrogate: n-Nonane</i>						
	127 %	50-200		04/22/22	04/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2217039	
Chloride	31.0	20.0	1	04/22/22	04/22/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

CS-33

E204116-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217050
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	ND	0.0250	1	04/22/22	04/25/22	
o-Xylene	ND	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	ND	0.0500	1	04/22/22	04/25/22	
Total Xylenes	ND	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.3 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217050
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.5 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2217043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/22/22	
<i>Surrogate: n-Nonane</i>						
	130 %	50-200		04/22/22	04/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2217039
Chloride	ND	20.0	1	04/22/22	04/22/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

## CS-34

## E204116-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217050
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	ND	0.0250	1	04/22/22	04/25/22	
o-Xylene	ND	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	ND	0.0500	1	04/22/22	04/25/22	
Total Xylenes	ND	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.6 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217050
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.2 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2217043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/22/22	
<i>Surrogate: n-Nonane</i>						
	135 %	50-200		04/22/22	04/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2217039
Chloride	ND	20.0	1	04/22/22	04/22/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

CS-35

E204116-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217050
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	ND	0.0250	1	04/22/22	04/25/22	
o-Xylene	ND	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	ND	0.0500	1	04/22/22	04/25/22	
Total Xylenes	ND	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.3 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217050
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.7 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2217043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/22/22	
<i>Surrogate: n-Nonane</i>						
	126 %	50-200		04/22/22	04/22/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2217039
Chloride	ND	20.0	1	04/22/22	04/22/22	





## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

## CS-36

## E204116-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2217050
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	ND	0.0250	1	04/22/22	04/25/22	
o-Xylene	ND	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	ND	0.0500	1	04/22/22	04/25/22	
Total Xylenes	ND	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>		98.9 %	70-130	04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>		mg/kg	mg/kg	Analyst: IY		Batch: 2217050
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>		88.8 %	70-130	04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>		mg/kg	mg/kg	Analyst: JL		Batch: 2217043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/22/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/22/22	
<i>Surrogate: n-Nonane</i>		102 %	50-200	04/22/22	04/22/22	
<b>Anions by EPA 300.0/9056A</b>		mg/kg	mg/kg	Analyst: RAS		Batch: 2217039
Chloride	29.3	20.0	1	04/22/22	04/22/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

CS-37

E204116-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Benzene	0.300	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	1.01	0.0250	1	04/22/22	04/25/22	
Toluene	6.27	0.0250	1	04/22/22	04/25/22	
o-Xylene	2.27	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	6.82	0.0500	1	04/22/22	04/25/22	
Total Xylenes	9.09	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		103 %	70-130	04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Gasoline Range Organics (C6-C10)	48.3	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		90.7 %	70-130	04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2217043	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/23/22	
<i>Surrogate: n-Nonane</i>						
		114 %	50-200	04/22/22	04/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2217039	
Chloride	20.2	20.0	1	04/22/22	04/22/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

CS-38

E204116-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	<b>0.0341</b>	0.0250	1	04/22/22	04/25/22	
o-Xylene	ND	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	ND	0.0500	1	04/22/22	04/25/22	
Total Xylenes	ND	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.1 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.0 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2217043	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/23/22	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		04/22/22	04/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2217039	
Chloride	ND	20.0	1	04/22/22	04/22/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

## CS-39

## E204116-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	<b>0.122</b>	0.0250	1	04/22/22	04/25/22	
o-Xylene	<b>0.0374</b>	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	<b>0.114</b>	0.0500	1	04/22/22	04/25/22	
Total Xylenes	<b>0.151</b>	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.1 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.1 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2217043	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/23/22	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		04/22/22	04/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2217039	
Chloride	ND	20.0	1	04/22/22	04/23/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

## CS-40

## E204116-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217050
Benzene	ND	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	ND	0.0250	1	04/22/22	04/25/22	
o-Xylene	ND	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	ND	0.0500	1	04/22/22	04/25/22	
Total Xylenes	ND	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.5 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2217050
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	89.0 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2217043
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/23/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/22/22	04/23/22	
<i>Surrogate: n-Nonane</i>						
	114 %	50-200		04/22/22	04/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: RAS		Batch: 2217039
Chloride	ND	20.0	1	04/22/22	04/23/22	





## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0040  
Project Manager: Greg Crabtree

**Reported:**  
4/26/2022 1:32:57PM

## CS-41

## E204116-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Benzene	0.187	0.0250	1	04/22/22	04/25/22	
Ethylbenzene	ND	0.0250	1	04/22/22	04/25/22	
Toluene	0.460	0.0250	1	04/22/22	04/25/22	
o-Xylene	0.0612	0.0250	1	04/22/22	04/25/22	
p,m-Xylene	0.197	0.0500	1	04/22/22	04/25/22	
Total Xylenes	0.258	0.0250	1	04/22/22	04/25/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	97.6 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2217050	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/22/22	04/25/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	88.9 %	70-130		04/22/22	04/25/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2217043	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/22/22	04/23/22	
Oil Range Organics (C28-C36)	53.9	50.0	1	04/22/22	04/23/22	
<i>Surrogate: n-Nonane</i>						
	139 %	50-200		04/22/22	04/23/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: RAS		Batch: 2217039	
Chloride	ND	20.0	1	04/22/22	04/23/22	



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:  4/26/2022 1:32:57PM
614 Reilly Ave	Project Number:	04061-0040	
Farmington NM, 87401	Project Manager:	Greg Crabtree	

Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2217050-BLK1) Prepared: 04/22/22 Analyzed: 04/25/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.88		8.00		98.5	70-130			

LCS (2217050-BS1) Prepared: 04/22/22 Analyzed: 04/25/22

Benzene	5.30	0.0250	5.00		106	70-130			
Ethylbenzene	4.78	0.0250	5.00		95.6	70-130			
Toluene	5.07	0.0250	5.00		101	70-130			
o-Xylene	5.00	0.0250	5.00		100	70-130			
p,m-Xylene	9.84	0.0500	10.0		98.4	70-130			
Total Xylenes	14.8	0.0250	15.0		99.0	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.11		8.00		101	70-130			

LCS Dup (2217050-BSD1) Prepared: 04/22/22 Analyzed: 04/25/22

Benzene	5.69	0.0250	5.00		114	70-130	7.09	20	
Ethylbenzene	5.11	0.0250	5.00		102	70-130	6.80	20	
Toluene	5.44	0.0250	5.00		109	70-130	7.02	20	
o-Xylene	5.37	0.0250	5.00		107	70-130	7.09	20	
p,m-Xylene	10.5	0.0500	10.0		105	70-130	6.74	20	
Total Xylenes	15.9	0.0250	15.0		106	70-130	6.86	20	
Surrogate: 4-Bromochlorobenzene-PID	8.13		8.00		102	70-130			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0040	
Farmington NM, 87401	Project Manager:	Greg Crabtree	4/26/2022 1:32:57PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2217050-BLK1) Prepared: 04/22/22 Analyzed: 04/25/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.13		8.00		89.1	70-130			

LCS (2217050-BS2) Prepared: 04/22/22 Analyzed: 04/25/22

Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.4	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.2	70-130			

LCS Dup (2217050-BSD2) Prepared: 04/22/22 Analyzed: 04/25/22

Gasoline Range Organics (C6-C10)	45.7	20.0	50.0		91.4	70-130	4.37	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.21		8.00		90.1	70-130			



## QC Summary Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant Project Number: 04061-0040 Project Manager: Greg Crabtree	Reported: 4/26/2022 1:32:57PM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2217043-BLK1)

Prepared: 04/22/22 Analyzed: 04/22/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	64.0		50.0		128	50-200			

## LCS (2217043-BS1)

Prepared: 04/22/22 Analyzed: 04/22/22

Diesel Range Organics (C10-C28)	542	25.0	500		108	38-132			
Surrogate: n-Nonane	59.1		50.0		118	50-200			

## Matrix Spike (2217043-MS1)

Source: E204107-01

Prepared: 04/22/22 Analyzed: 04/22/22

Diesel Range Organics (C10-C28)	547	25.0	500	ND	109	38-132			
Surrogate: n-Nonane	60.2		50.0		120	50-200			

## Matrix Spike Dup (2217043-MSD1)

Source: E204107-01

Prepared: 04/22/22 Analyzed: 04/22/22

Diesel Range Organics (C10-C28)	549	25.0	500	ND	110	38-132	0.538	20	
Surrogate: n-Nonane	59.0		50.0		118	50-200			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0040	
Farmington NM, 87401	Project Manager:	Greg Crabtree	4/26/2022 1:32:57PM

Anions by EPA 300.0/9056A

Analyst: RAS

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

Blank (2217039-BLK1)					Prepared: 04/22/22 Analyzed: 04/22/22				
Chloride	ND	20.0							
LCS (2217039-BS1)					Prepared: 04/22/22 Analyzed: 04/22/22				
Chloride	254	20.0	250		102	90-110			
Matrix Spike (2217039-MS1)					Source: E204116-01		Prepared: 04/22/22 Analyzed: 04/22/22		
Chloride	259	20.0	250	ND	104	80-120			
Matrix Spike Dup (2217039-MSD1)					Source: E204116-01		Prepared: 04/22/22 Analyzed: 04/22/22		
Chloride	297	20.0	250	ND	119	80-120	13.6	20	

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





Definitions and Notes

Enterprise Products	Project Name:	Chaco Plant	
614 Reilly Ave	Project Number:	04061-0040	Reported:
Farmington NM, 87401	Project Manager:	Greg Crabtree	04/26/22 13:32

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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

## Project Information

## Chain of Custody

Page 1 of 2

Client: <u>Enterprise Products</u>				Bill To Attention: _____ Address: _____ City, State, Zip _____ Phone: _____ Email: _____		Lab Use Only				TAT				EPA Program		
Project: <u>Chaco Plant</u>						Lab WO# <u>E204116</u>	Job Number <u>04061-0040</u>			1D	2D	3D	Standard	CWA	SDWA	
Project Manager: <u>Greg Crabtree</u>																
Address: _____																
City, State, Zip _____																
Phone: _____																
Email: _____																
Report due by: _____																
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	Analysis and Method			State	
13:44	4-21-22	S	2	CS-30	1											
13:57				CS-31	2											
14:04				CS-32	3											
14:08				CS-33	4											
14:11				CS-34	5											
14:15				CS-35	6											
14:18				CS-36	7											
14:22				CS-37	8											
14:37				CS-38	9											
14:38				CS-39	10											
Additional Instructions: <u>Vis ICE in Cooler</u>																
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.																
Sampled by: <u>Gilbert Benally</u>																
Relinquished by: (Signature) <u>[Signature]</u>		Date <u>4-21-22</u>	Time <u>18:46</u>	Received by: (Signature) <u>[Signature]</u>		Date <u>4-21-22</u>	Time <u>18:46</u>	Lab Use Only								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	Received on ice: <u>Y</u> / N								
Relinquished by: (Signature)		Date	Time	Received by: (Signature)		Date	Time	T1 _____ T2 _____ T3 _____								
AVG Temp °C <u>4</u>																
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____																
Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																


**envirotech**





## Envirotech Analytical Laboratory

Printed: 4/22/2022 10:00:46AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Enterprise Products	Date Received:	04/21/22 18:46	Work Order ID:	E204116
Phone:	(505)599-2104	Date Logged In:	04/22/22 08:09	Logged In By:	Caitlin Christian
Email:		Due Date:	04/25/22 17:00 (1 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: Gilbert BenallyComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Greg Crabtree



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Enterprise Products

Project Name: Chaco Plant

Work Order: E204204

Job Number: 04061-0060

Received: 4/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
5/3/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.  
Envirotech Inc. holds the NM SDWA certification for data reported. (Lab #NM00979)



Date Reported: 5/3/22

Greg Crabtree  
614 Reilly Ave  
Farmington, NM 87401



Project Name: Chaco Plant  
Workorder: E204204  
Date Received: 4/28/2022 4:40:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 4/28/2022 4:40:00PM, under the Project Name: Chaco Plant.

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

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

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

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

Respectfully,

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**Rayny Hagan**  
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Sample Summary

Enterprise Products	Project Name:	Chaco Plant	Reported:  05/03/22 16:19
614 Reilly Ave	Project Number:	04061-0060	
Farmington NM, 87401	Project Manager:	Greg Crabtree	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS - 42	E204204-01A	Soil	04/28/22	04/28/22	Glass Jar, 4 oz.
CS - 43	E204204-02A	Soil	04/28/22	04/28/22	Glass Jar, 4 oz.
CS - 44	E204204-03A	Soil	04/28/22	04/28/22	Glass Jar, 4 oz.
CS - 45	E204204-04A	Soil	04/28/22	04/28/22	Glass Jar, 4 oz.
CS - 46	E204204-05A	Soil	04/28/22	04/28/22	Glass Jar, 4 oz.



## Sample Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant Project Number: 04061-0060 Project Manager: Greg Crabtree	<b>Reported:</b> 5/3/2022 4:19:07PM
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## CS - 42

## E204204-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Benzene	0.259	0.0250	1	04/29/22	05/02/22	
Ethylbenzene	0.200	0.0250	1	04/29/22	05/02/22	
Toluene	1.91	0.0250	1	04/29/22	05/02/22	
o-Xylene	0.462	0.0250	1	04/29/22	05/02/22	
p,m-Xylene	1.48	0.0500	1	04/29/22	05/02/22	
Total Xylenes	1.94	0.0250	1	04/29/22	05/02/22	
Surrogate: 4-Bromochlorobenzene-PID	95.1 %	70-130		04/29/22	05/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/02/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.3 %	70-130		04/29/22	05/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2218050	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
Surrogate: n-Nonane	110 %	50-200		04/29/22	05/01/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: CS		Batch: 2218049	
Chloride	ND	20.0	1	04/29/22	04/29/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0060  
Project Manager: Greg Crabtree

**Reported:**  
5/3/2022 4:19:07PM

CS - 43

E204204-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Benzene	0.0283	0.0250	1	04/29/22	05/02/22	
Ethylbenzene	0.0541	0.0250	1	04/29/22	05/02/22	
Toluene	0.404	0.0250	1	04/29/22	05/02/22	
o-Xylene	0.155	0.0250	1	04/29/22	05/02/22	
p,m-Xylene	0.494	0.0500	1	04/29/22	05/02/22	
Total Xylenes	0.649	0.0250	1	04/29/22	05/02/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		04/29/22	05/02/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/02/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		04/29/22	05/02/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2218050	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		04/29/22	05/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: CS		Batch: 2218049	
Chloride	ND	20.0	1	04/29/22	04/29/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0060  
Project Manager: Greg Crabtree

**Reported:**  
5/3/2022 4:19:07PM

CS - 44

E204204-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Benzene	0.0305	0.0250	1	04/29/22	05/03/22	
Ethylbenzene	0.0581	0.0250	1	04/29/22	05/03/22	
Toluene	0.437	0.0250	1	04/29/22	05/03/22	
o-Xylene	0.162	0.0250	1	04/29/22	05/03/22	
p,m-Xylene	0.521	0.0500	1	04/29/22	05/03/22	
Total Xylenes	0.683	0.0250	1	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		04/29/22	05/03/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Gasoline Range Organics (C6-C10)	ND	20.0	1	04/29/22	05/03/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.8 %	70-130		04/29/22	05/03/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2218050	
Diesel Range Organics (C10-C28)	ND	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		04/29/22	05/01/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: CS		Batch: 2218049	
Chloride	ND	20.0	1	04/29/22	04/29/22	





## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0060  
Project Manager: Greg Crabtree

**Reported:**  
5/3/2022 4:19:07PM

CS - 45

E204204-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Benzene	17.7	0.500	20	04/29/22	05/03/22	
Ethylbenzene	21.5	0.500	20	04/29/22	05/03/22	
Toluene	198	0.500	20	04/29/22	05/03/22	
o-Xylene	36.9	0.500	20	04/29/22	05/03/22	
p,m-Xylene	149	1.00	20	04/29/22	05/03/22	
Total Xylenes	186	0.500	20	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.9 %	70-130		04/29/22	05/03/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Gasoline Range Organics (C6-C10)	912	400	20	04/29/22	05/03/22	T16
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.7 %	70-130		04/29/22	05/03/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2218050	
Diesel Range Organics (C10-C28)	35.1	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	337 %	50-200		04/29/22	05/01/22	S5
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: CS		Batch: 2218049	
Chloride	ND	20.0	1	04/29/22	04/29/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant  
Project Number: 04061-0060  
Project Manager: Greg Crabtree

**Reported:**  
5/3/2022 4:19:07PM

CS - 46

E204204-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Benzene	691	6.25	300	04/29/22	05/03/22	
Ethylbenzene	177	6.25	300	04/29/22	05/03/22	
Toluene	3390	6.25	300	04/29/22	05/03/22	
o-Xylene	257	6.25	300	04/29/22	05/03/22	
p,m-Xylene	1130	12.5	300	04/29/22	05/03/22	
Total Xylenes	1390	6.25	300	04/29/22	05/03/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		04/29/22	05/03/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2218048	
Gasoline Range Organics (C6-C10)	13000	5000	300	04/29/22	05/03/22	T16
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.5 %	70-130		04/29/22	05/03/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2218050	
Diesel Range Organics (C10-C28)	124	25.0	1	04/29/22	05/01/22	
Oil Range Organics (C28-C36)	ND	50.0	1	04/29/22	05/01/22	
<i>Surrogate: n-Nonane</i>						
	1880 %	50-200		04/29/22	05/01/22	S5
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: CS		Batch: 2218049	
Chloride	ND	20.0	1	04/29/22	04/29/22	



## QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	<b>Reported:</b>
614 Reilly Ave	Project Number:	04061-0060	
Farmington NM, 87401	Project Manager:	Greg Crabtree	5/3/2022 4:19:07PM

## Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2218048-BLK1)

Prepared: 04/29/22 Analyzed: 04/29/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.43		8.00		105	70-130			

## LCS (2218048-BS1)

Prepared: 04/29/22 Analyzed: 04/29/22

Benzene	5.10	0.0250	5.00		102	70-130			
Ethylbenzene	4.61	0.0250	5.00		92.1	70-130			
Toluene	4.88	0.0250	5.00		97.7	70-130			
o-Xylene	4.79	0.0250	5.00		95.9	70-130			
p,m-Xylene	9.51	0.0500	10.0		95.1	70-130			
Total Xylenes	14.3	0.0250	15.0		95.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			

## Matrix Spike (2218048-MS1)

Source: E204202-01

Prepared: 04/29/22 Analyzed: 04/29/22

Benzene	5.00	0.0250	5.00	ND	100	54-133			
Ethylbenzene	4.52	0.0250	5.00	ND	90.4	61-133			
Toluene	4.80	0.0250	5.00	ND	95.9	61-130			
o-Xylene	4.71	0.0250	5.00	ND	94.2	63-131			
p,m-Xylene	9.32	0.0500	10.0	ND	93.2	63-131			
Total Xylenes	14.0	0.0250	15.0	ND	93.5	63-131			
Surrogate: 4-Bromochlorobenzene-PID	8.22		8.00		103	70-130			

## Matrix Spike Dup (2218048-MSD1)

Source: E204202-01

Prepared: 04/29/22 Analyzed: 04/29/22

Benzene	5.28	0.0250	5.00	ND	106	54-133	5.36	20	
Ethylbenzene	4.73	0.0250	5.00	ND	94.6	61-133	4.54	20	
Toluene	5.04	0.0250	5.00	ND	101	61-130	4.98	20	
o-Xylene	4.93	0.0250	5.00	ND	98.7	63-131	4.68	20	
p,m-Xylene	9.73	0.0500	10.0	ND	97.3	63-131	4.24	20	
Total Xylenes	14.7	0.0250	15.0	ND	97.7	63-131	4.39	20	
Surrogate: 4-Bromochlorobenzene-PID	7.95		8.00		99.4	70-130			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0060	
Farmington NM, 87401	Project Manager:	Greg Crabtree	5/3/2022 4:19:07PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2218048-BLK1) Prepared: 04/29/22 Analyzed: 04/29/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			

LCS (2218048-BS2) Prepared: 04/29/22 Analyzed: 04/29/22

Gasoline Range Organics (C6-C10)	49.4	20.0	50.0		98.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		89.9	70-130			

Matrix Spike (2218048-MS2) Source: E204202-01 Prepared: 04/29/22 Analyzed: 04/29/22

Gasoline Range Organics (C6-C10)	45.6	20.0	50.0	ND	91.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.26		8.00		90.7	70-130			

Matrix Spike Dup (2218048-MSD2) Source: E204202-01 Prepared: 04/29/22 Analyzed: 04/29/22

Gasoline Range Organics (C6-C10)	49.6	20.0	50.0	ND	99.2	70-130	8.42	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.23		8.00		90.4	70-130			



## QC Summary Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant Project Number: 04061-0060 Project Manager: Greg Crabtree	Reported:  5/3/2022 4:19:07PM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2218050-BLK1)

Prepared: 04/29/22 Analyzed: 04/30/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	49.6		50.0		99.3	50-200			

## LCS (2218050-BS1)

Prepared: 04/29/22 Analyzed: 04/30/22

Diesel Range Organics (C10-C28)	507	25.0	500		101	38-132			
Surrogate: n-Nonane	47.1		50.0		94.2	50-200			

## Matrix Spike (2218050-MS1)

Source: E204142-01

Prepared: 04/29/22 Analyzed: 04/30/22

Diesel Range Organics (C10-C28)	524	25.0	500	ND	105	38-132			
Surrogate: n-Nonane	51.5		50.0		103	50-200			

## Matrix Spike Dup (2218050-MSD1)

Source: E204142-01

Prepared: 04/29/22 Analyzed: 05/01/22

Diesel Range Organics (C10-C28)	525	25.0	500	ND	105	38-132	0.212	20	
Surrogate: n-Nonane	47.8		50.0		95.6	50-200			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant	Reported:
614 Reilly Ave	Project Number:	04061-0060	
Farmington NM, 87401	Project Manager:	Greg Crabtree	5/3/2022 4:19:07PM

Anions by EPA 300.0/9056A

Analyst: CS

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

Blank (2218049-BLK1)					Prepared: 04/29/22 Analyzed: 04/29/22				
Chloride	ND	20.0							
LCS (2218049-BS1)					Prepared: 04/29/22 Analyzed: 05/02/22				
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2218049-MS1)					Source: E204202-01		Prepared: 04/29/22 Analyzed: 04/29/22		
Chloride	445	20.0	250	174	108	80-120			
Matrix Spike Dup (2218049-MSD1)					Source: E204202-01		Prepared: 04/29/22 Analyzed: 04/29/22		
Chloride	411	20.0	250	174	95.0	80-120	7.82	20	

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





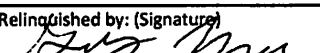

Definitions and Notes

Enterprise Products	Project Name:	Chaco Plant	
614 Reilly Ave	Project Number:	04061-0060	Reported:
Farmington NM, 87401	Project Manager:	Greg Crabtree	05/03/22 16:19

- S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.
- T16 The results for this petroleum hydrocarbon analysis is elevated due to the presence of a single analyte peak in the quantitation range.
- 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.

Client: Enterprise					Bill To					Lab Use Only					TAT			EPA Program											
Project: Chaco Plant					Attention:					Lab WO#		Job Number			1D	2D	3D	Standard	CWA	SDWA									
Project Manager: Greg Crabtree					Address:					E204204		04061-0060					X												
Address:					City, State, Zip					Analysis and Method												RCRA							
City, State, Zip					Phone:					TCLP VOC's	TCLP S-VOCs	TCLP RCRA 8 Metals	Chlorine	BDGOC							State								
Phone:					Email:																	NM	CO	UT	AZ	TX			
Email: Tknight Gcrabtree Bhall Igarcia KSanchez										X																			
DCarter Gbenally																				Remarks									
Report due by:																													
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID	Lab Number																								
15:19	4/28/2022	S	1	CS-42	1																								
15:23	4/28/2022	S	1	CS-43	2																								
15:26	4/28/2022	S	1	CS-44	3																								
15:29	4/28/2022	S	2	CS-45	4																								
15:31	4/28/2022	S	3	CS-46	5																								
Additional Instructions:																													
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabelling the sample location, date or time of collection is considered fraud and may be grounds for legal action.										Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.																			
Relinquished by: (Signature) 										Received by: (Signature) 										Lab Use Only									
Relinquished by: (Signature)										Received by: (Signature)										Received on Ice: <input checked="" type="radio"/> Y <input type="radio"/> N									
Relinquished by: (Signature)										Received by: (Signature)										T1 T2 T3									
Relinquished by: (Signature)										Received by: (Signature)										AVG Temp °C 4									
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other										Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA																			
Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at the client expense. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for on the report.																													

## Envirotech Analytical Laboratory

Printed: 4/28/2022 5:04:26PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Enterprise Products	Date Received:	04/28/22 16:40	Work Order ID:	E204204
Phone:	(505)599-2104	Date Logged In:	04/28/22 16:59	Logged In By:	Caitlin Christian
Email:		Due Date:	05/03/22 17:00 (3 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: Gilbert BenallyComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Greg Crabtree



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Enterprise Products

Project Name: Chaco Plant GW Investigation

Work Order: E206204

Job Number: 04061-0042

Received: 6/28/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/7/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 7/7/22

Greg Crabtree  
614 Reilly Ave  
Farmington, NM 87401



Project Name: Chaco Plant GW Investigation  
Workorder: E206204  
Date Received: 6/28/2022 10:00:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/28/2022 10:00:00AM, under the Project Name: Chaco Plant GW Investigation.

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

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

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

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

Respectfully,

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

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Laboratory Administrator  
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**Alexa Michaels**  
Sample Custody Officer  
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[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

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**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

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

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## Sample Summary

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant GW Investigation Project Number: 04061-0042 Project Manager: Greg Crabtree	Reported: 07/07/22 15:10
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
MW-1/SB1 @ 24	E206204-01A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
	E206204-01B	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
MW-1/SB1 @ 26	E206204-02A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
	E206204-02B	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
MM-1/SB1 @ 35	E206204-03A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
	E206204-03B	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
MW-2/SB2 @ 25	E206204-04A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
	E206204-04B	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
MW-2/SB2 @ 30	E206204-05A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
	E206204-05B	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
MW-2/SB2 @ 35	E206204-06A	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.
	E206204-06B	Soil	06/27/22	06/28/22	Glass Jar, 4 oz.



## Sample Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant GW Investigation Project Number: 04061-0042 Project Manager: Greg Crabtree	<b>Reported:</b> 7/7/2022 3:10:25PM
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### MW-1/SB1 @ 24

#### E206204-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
Surrogate: 4-Bromochlorobenzene-PID	90.9 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.2 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2228002	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/05/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/05/22	07/05/22	
Surrogate: n-Nonane	107 %	50-200		07/05/22	07/05/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: KL		Batch: 2228005	
Chloride	ND	20.0	1	07/05/22	07/06/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/7/2022 3:10:25PM

MW-1/SB1 @ 26

E206204-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.3 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.0 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2228002	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/05/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/05/22	07/05/22	
<i>Surrogate: n-Nonane</i>						
	112 %	50-200		07/05/22	07/05/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: KL		Batch: 2228005	
Chloride	ND	20.0	1	07/05/22	07/06/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/7/2022 3:10:25PM

MM-1/SB1 @ 35

E206204-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228010
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.5 %	70-130	07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228010
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.2 %	70-130	07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228002
Diesel Range Organics (C10-C28)	ND	25.0	1	07/05/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/05/22	07/05/22	
<i>Surrogate: n-Nonane</i>						
		117 %	50-200	07/05/22	07/05/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228005
Chloride	ND	40.0	2	07/05/22	07/06/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/7/2022 3:10:25PM

## MW-2/SB2 @ 25

## E206204-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2228002	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/05/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/05/22	07/05/22	
<i>Surrogate: n-Nonane</i>						
	118 %	50-200		07/05/22	07/05/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: KL		Batch: 2228005	
Chloride	ND	20.0	1	07/05/22	07/06/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/7/2022 3:10:25PM

## MW-2/SB2 @ 30

## E206204-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228010
Benzene	ND	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	ND	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
		91.0 %	70-130	07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228010
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
		92.2 %	70-130	07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228002
Diesel Range Organics (C10-C28)	ND	25.0	1	07/05/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/05/22	07/05/22	
<i>Surrogate: n-Nonane</i>						
		116 %	50-200	07/05/22	07/05/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228005
Chloride	33.9	20.0	1	07/05/22	07/06/22	





## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/7/2022 3:10:25PM

## MW-2/SB2 @ 35

## E206204-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Benzene	0.0270	0.0250	1	07/05/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/05/22	07/07/22	
Toluene	0.0701	0.0250	1	07/05/22	07/07/22	
o-Xylene	ND	0.0250	1	07/05/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/05/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/05/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.6 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228010	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/05/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.9 %	70-130		07/05/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2228002	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/05/22	07/05/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/05/22	07/05/22	
<i>Surrogate: n-Nonane</i>						
	122 %	50-200		07/05/22	07/05/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: KL		Batch: 2228005	
Chloride	ND	20.0	1	07/05/22	07/06/22	



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/7/2022 3:10:25PM

Volatile Organics by EPA 8021B

Analyst: IY

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

Blank (2228010-BLK1) Prepared: 07/05/22 Analyzed: 07/07/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			

LCS (2228010-BS1) Prepared: 07/05/22 Analyzed: 07/07/22

Benzene	5.09	0.0250	5.00		102	70-130			
Ethylbenzene	4.51	0.0250	5.00		90.3	70-130			
Toluene	4.82	0.0250	5.00		96.4	70-130			
o-Xylene	4.67	0.0250	5.00		93.4	70-130			
p,m-Xylene	9.30	0.0500	10.0		93.0	70-130			
Total Xylenes	14.0	0.0250	15.0		93.1	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.44		8.00		93.0	70-130			

LCS Dup (2228010-BSD1) Prepared: 07/05/22 Analyzed: 07/07/22

Benzene	5.14	0.0250	5.00		103	70-130	0.995	20	
Ethylbenzene	4.56	0.0250	5.00		91.2	70-130	1.04	20	
Toluene	4.87	0.0250	5.00		97.4	70-130	1.11	20	
o-Xylene	4.73	0.0250	5.00		94.5	70-130	1.18	20	
p,m-Xylene	9.40	0.0500	10.0		94.0	70-130	1.04	20	
Total Xylenes	14.1	0.0250	15.0		94.2	70-130	1.08	20	
Surrogate: 4-Bromochlorobenzene-PID	7.47		8.00		93.3	70-130			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/7/2022 3:10:25PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2228010-BLK1) Prepared: 07/05/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.20		8.00		90.1	70-130			

LCS (2228010-BS2) Prepared: 07/05/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	45.1	20.0	50.0		90.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.8	70-130			

LCS Dup (2228010-BSD2) Prepared: 07/05/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	48.1	20.0	50.0		96.2	70-130	6.39	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.40		8.00		92.5	70-130			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/7/2022 3:10:25PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2228002-BLK1) Prepared: 07/05/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	56.9		50.0		114	50-200			

LCS (2228002-BS1) Prepared: 07/05/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	508	25.0	500		102	38-132			
Surrogate: n-Nonane	56.0		50.0		112	50-200			

Matrix Spike (2228002-MS1) Source: E206231-01 Prepared: 07/05/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	614	50.0	500	ND	123	38-132			
Surrogate: n-Nonane	72.1		50.0		144	50-200			

Matrix Spike Dup (2228002-MSD1) Source: E206231-01 Prepared: 07/05/22 Analyzed: 07/05/22

Diesel Range Organics (C10-C28)	620	50.0	500	ND	124	38-132	0.950	20	
Surrogate: n-Nonane	71.2		50.0		142	50-200			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/7/2022 3:10:25PM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2228005-BLK1)					Prepared: 07/05/22 Analyzed: 07/06/22				
Chloride	ND	20.0							
LCS (2228005-BS1)					Prepared: 07/05/22 Analyzed: 07/06/22				
Chloride	251	20.0	250		101	90-110			
Matrix Spike (2228005-MS1)					Source: E206232-01		Prepared: 07/05/22 Analyzed: 07/06/22		
Chloride	251	20.0	250	ND	100	80-120			
Matrix Spike Dup (2228005-MSD1)					Source: E206232-01		Prepared: 07/05/22 Analyzed: 07/06/22		
Chloride	250	20.0	250	ND	99.9	80-120	0.542	20	

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



Definitions and Notes

Enterprise Products	Project Name:	Chaco Plant GW Investigation	
614 Reilly Ave	Project Number:	04061-0042	Reported:
Farmington NM, 87401	Project Manager:	Greg Crabtree	07/07/22 15:10

- 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.







## Envirotech Analytical Laboratory

Printed: 6/28/2022 5:23:13PM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Enterprise Products	Date Received:	06/28/22 10:00	Work Order ID:	E206204
Phone:	(505)599-2104	Date Logged In:	06/28/22 16:33	Logged In By:	Caitlin Christian
Email:		Due Date:	07/06/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: Brittany HallComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

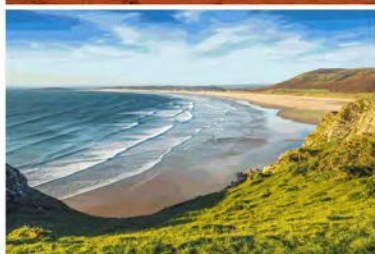
Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.

Report to:  
Greg Crabtree



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Enterprise Products

Project Name: Chaco Plant GW Investigation

Work Order: E206238

Job Number: 04061-0042

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/8/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 7/8/22

Greg Crabtree  
614 Reilly Ave  
Farmington, NM 87401



Project Name: Chaco Plant GW Investigation  
Workorder: E206238  
Date Received: 6/29/2022 6:51:00AM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 6:51:00AM, under the Project Name: Chaco Plant GW Investigation.

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

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

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

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

Respectfully,

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

**Raina Schwanz**  
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**Alexa Michaels**  
Sample Custody Officer  
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**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

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

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## Sample Summary

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant GW Investigation Project Number: 04061-0042 Project Manager: Greg Crabtree	Reported: 07/08/22 11:32
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
MW3/SB3 @ 25	E206238-01A	Solid	06/28/22	06/29/22	Glass Jar, 4 oz.
	E206238-01B	Solid	06/28/22	06/29/22	Glass Jar, 4 oz.
MW3/SB3 @ 35	E206238-02A	Soil	06/28/22	06/29/22	Glass Jar, 4 oz.
	E206238-02B	Soil	06/28/22	06/29/22	Glass Jar, 4 oz.
MW4/SB4 @ 30	E206238-03A	Soil	06/28/22	06/29/22	Glass Jar, 4 oz.
	E206238-03B	Soil	06/28/22	06/29/22	Glass Jar, 4 oz.
MW4/SB4 @ 40	E206238-04A	Soil	06/28/22	06/29/22	Glass Jar, 4 oz.
	E206238-04B	Soil	06/28/22	06/29/22	Glass Jar, 4 oz.
MW4/SB4 @ 54	E206238-05A	Soil	06/28/22	06/29/22	Glass Jar, 4 oz.
	E206238-05B	Soil	06/28/22	06/29/22	Glass Jar, 4 oz.





## Sample Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant GW Investigation Project Number: 04061-0042 Project Manager: Greg Crabtree	<b>Reported:</b> 7/8/2022 11:32:17AM
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### MW3/SB3 @ 25

#### E206238-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2228028	
Benzene	ND	0.0250	1	07/06/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/07/22	
Toluene	ND	0.0250	1	07/06/22	07/07/22	
o-Xylene	ND	0.0250	1	07/06/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	91.5 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2228028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	91.5 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2228026	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>	109 %	50-200		07/06/22	07/07/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: KL		Batch: 2228017	
Chloride	ND	20.0	1	07/06/22	07/07/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/8/2022 11:32:17AM

## MW3/SB3 @ 35

## E206238-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	ND	0.0250	1	07/06/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/07/22	
Toluene	ND	0.0250	1	07/06/22	07/07/22	
o-Xylene	ND	0.0250	1	07/06/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.8 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228026
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228017
Chloride	ND	20.0	1	07/06/22	07/07/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/8/2022 11:32:17AM

## MW4/SB4 @ 30

## E206238-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228028	
Benzene	ND	0.0250	1	07/06/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/07/22	
Toluene	ND	0.0250	1	07/06/22	07/07/22	
o-Xylene	ND	0.0250	1	07/06/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.4 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2228028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.2 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2228026	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>						
	113 %	50-200		07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: KL		Batch: 2228017	
Chloride	36.0	20.0	1	07/06/22	07/07/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/8/2022 11:32:17AM

## MW4/SB4 @ 40

## E206238-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	ND	0.0250	1	07/06/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/07/22	
Toluene	<b>0.130</b>	0.0250	1	07/06/22	07/07/22	
o-Xylene	ND	0.0250	1	07/06/22	07/07/22	
p,m-Xylene	<b>0.0668</b>	0.0500	1	07/06/22	07/07/22	
Total Xylenes	<b>0.0668</b>	0.0250	1	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	92.0 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.4 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228026
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>						
	109 %	50-200		07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228017
Chloride	ND	20.0	1	07/06/22	07/07/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/8/2022 11:32:17AM

## MW4/SB4 @ 54

## E206238-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	0.140	0.0250	1	07/06/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/07/22	
Toluene	0.343	0.0250	1	07/06/22	07/07/22	
o-Xylene	ND	0.0250	1	07/06/22	07/07/22	
p,m-Xylene	0.0672	0.0500	1	07/06/22	07/07/22	
Total Xylenes	0.0672	0.0250	1	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	91.8 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	92.6 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228026
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228017
Chloride	ND	20.0	1	07/06/22	07/07/22	



## QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	<b>Reported:</b>
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/8/2022 11:32:17AM

## Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2228028-BLK1)

Prepared: 07/06/22 Analyzed: 07/07/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			

## LCS (2228028-BS1)

Prepared: 07/06/22 Analyzed: 07/07/22

Benzene	4.99	0.0250	5.00		99.9	70-130			
Ethylbenzene	4.43	0.0250	5.00		88.6	70-130			
Toluene	4.73	0.0250	5.00		94.6	70-130			
o-Xylene	4.60	0.0250	5.00		92.0	70-130			
p,m-Xylene	9.13	0.0500	10.0		91.3	70-130			
Total Xylenes	13.7	0.0250	15.0		91.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.5	70-130			

## LCS Dup (2228028-BSD1)

Prepared: 07/06/22 Analyzed: 07/07/22

Benzene	5.06	0.0250	5.00		101	70-130	1.31	20	
Ethylbenzene	4.49	0.0250	5.00		89.9	70-130	1.48	20	
Toluene	4.80	0.0250	5.00		96.0	70-130	1.47	20	
o-Xylene	4.67	0.0250	5.00		93.4	70-130	1.59	20	
p,m-Xylene	9.27	0.0500	10.0		92.7	70-130	1.49	20	
Total Xylenes	13.9	0.0250	15.0		92.9	70-130	1.52	20	
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			





QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/8/2022 11:32:17AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2228028-BLK1) Prepared: 07/06/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

LCS (2228028-BS2) Prepared: 07/06/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			

LCS Dup (2228028-BSD2) Prepared: 07/06/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.0	70-130	2.67	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/8/2022 11:32:17AM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2228026-BLK1) Prepared: 07/06/22 Analyzed: 07/06/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.7		50.0		117	50-200			

LCS (2228026-BS1) Prepared: 07/06/22 Analyzed: 07/06/22

Diesel Range Organics (C10-C28)	520	25.0	500		104	38-132			
Surrogate: n-Nonane	57.4		50.0		115	50-200			

Matrix Spike (2228026-MS1) Source: E206241-02 Prepared: 07/06/22 Analyzed: 07/07/22

Diesel Range Organics (C10-C28)	680	25.0	500	ND	136	38-132			M2
Surrogate: n-Nonane	74.0		50.0		148	50-200			

Matrix Spike Dup (2228026-MSD1) Source: E206241-02 Prepared: 07/06/22 Analyzed: 07/07/22

Diesel Range Organics (C10-C28)	692	25.0	500	ND	138	38-132	1.80	20	M2
Surrogate: n-Nonane	67.8		50.0		136	50-200			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/8/2022 11:32:17AM

Anions by EPA 300.0/9056A

Analyst: KL

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

Blank (2228017-BLK1)					Prepared: 07/06/22 Analyzed: 07/07/22				
Chloride	ND	20.0							
LCS (2228017-BS1)					Prepared: 07/06/22 Analyzed: 07/07/22				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2228017-MS1)					Source: E206238-01		Prepared: 07/06/22 Analyzed: 07/07/22		
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2228017-MSD1)					Source: E206238-01		Prepared: 07/06/22 Analyzed: 07/07/22		
Chloride	257	20.0	250	ND	103	80-120	0.504	20	

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



Definitions and Notes

Enterprise Products	Project Name:	Chaco Plant GW Investigation	
614 Reilly Ave	Project Number:	04061-0042	Reported:
Farmington NM, 87401	Project Manager:	Greg Crabtree	07/08/22 11:32

- M2 Matrix spike recovery was outside quality control limits. 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

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

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



[illegible]

## Envirotech Analytical Laboratory

Printed: 6/30/2022 9:29:15AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Enterprise Products	Date Received:	06/29/22 06:51	Work Order ID:	E206238
Phone:	(505)599-2104	Date Logged In:	06/30/22 09:19	Logged In By:	Caitlin Christian
Email:		Due Date:	07/07/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: Brittany HallComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

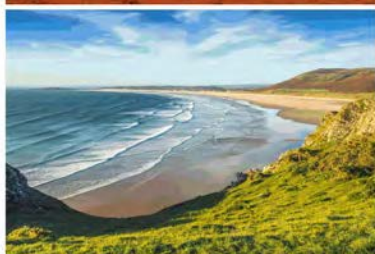
Date



envirotech Inc.



Report to:  
Greg Crabtree



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

### Enterprise Products

Project Name: Chaco Plant GW Investigation

Work Order: E206241

Job Number: 04061-0042

Received: 6/29/2022

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/8/22

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 7/8/22

Greg Crabtree  
614 Reilly Ave  
Farmington, NM 87401



Project Name: Chaco Plant GW Investigation  
Workorder: E206241  
Date Received: 6/29/2022 4:49:00PM

Greg Crabtree,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/29/2022 4:49:00PM, under the Project Name: Chaco Plant GW Investigation.

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

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

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

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

Respectfully,

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

**Raina Schwanz**  
Laboratory Administrator  
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**Alexa Michaels**  
Sample Custody Officer  
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[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

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**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

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

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Sample Summary

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	07/08/22 11:27

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
MW5/SB5 @ 15	E206241-01A	Soil	06/29/22	06/29/22	Glass Jar, 4 oz.
	E206241-01B	Soil	06/29/22	06/29/22	Glass Jar, 4 oz.
MW5/SB5 @ 35	E206241-02A	Soil	06/29/22	06/29/22	Glass Jar, 4 oz.
	E206241-02B	Soil	06/29/22	06/29/22	Glass Jar, 4 oz.



## Sample Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant GW Investigation Project Number: 04061-0042 Project Manager: Greg Crabtree	<b>Reported:</b> 7/8/2022 11:27:08AM
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### MW5/SB5 @ 15

#### E206241-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2228028	
Benzene	ND	0.0250	1	07/06/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/07/22	
Toluene	ND	0.0250	1	07/06/22	07/07/22	
o-Xylene	ND	0.0250	1	07/06/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	90.6 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2228028	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	92.3 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2228026	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/06/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/06/22	
<i>Surrogate: n-Nonane</i>	136 %	50-200		07/06/22	07/06/22	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: KL		Batch: 2228017	
Chloride	ND	20.0	1	07/06/22	07/07/22	



## Sample Data

Enterprise Products  
614 Reilly Ave  
Farmington NM, 87401

Project Name: Chaco Plant GW Investigation  
Project Number: 04061-0042  
Project Manager: Greg Crabtree

**Reported:**  
7/8/2022 11:27:08AM

## MW5/SB5 @ 35

## E206241-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Benzene	ND	0.0250	1	07/06/22	07/07/22	
Ethylbenzene	ND	0.0250	1	07/06/22	07/07/22	
Toluene	ND	0.0250	1	07/06/22	07/07/22	
o-Xylene	ND	0.0250	1	07/06/22	07/07/22	
p,m-Xylene	ND	0.0500	1	07/06/22	07/07/22	
Total Xylenes	ND	0.0250	1	07/06/22	07/07/22	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	90.2 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2228028
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/06/22	07/07/22	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.7 %	70-130		07/06/22	07/07/22	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2228026
Diesel Range Organics (C10-C28)	ND	25.0	1	07/06/22	07/07/22	
Oil Range Organics (C28-C36)	ND	50.0	1	07/06/22	07/07/22	
<i>Surrogate: n-Nonane</i>						
	134 %	50-200		07/06/22	07/07/22	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: KL		Batch: 2228017
Chloride	ND	20.0	1	07/06/22	07/07/22	





## QC Summary Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant GW Investigation Project Number: 04061-0042 Project Manager: Greg Crabtree	Reported: 7/8/2022 11:27:08AM
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## Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2228028-BLK1)

Prepared: 07/06/22 Analyzed: 07/07/22

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.31		8.00		91.4	70-130			

## LCS (2228028-BS1)

Prepared: 07/06/22 Analyzed: 07/07/22

Benzene	4.99	0.0250	5.00		99.9	70-130			
Ethylbenzene	4.43	0.0250	5.00		88.6	70-130			
Toluene	4.73	0.0250	5.00		94.6	70-130			
o-Xylene	4.60	0.0250	5.00		92.0	70-130			
p,m-Xylene	9.13	0.0500	10.0		91.3	70-130			
Total Xylenes	13.7	0.0250	15.0		91.5	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.40		8.00		92.5	70-130			

## LCS Dup (2228028-BSD1)

Prepared: 07/06/22 Analyzed: 07/07/22

Benzene	5.06	0.0250	5.00		101	70-130	1.31	20	
Ethylbenzene	4.49	0.0250	5.00		89.9	70-130	1.48	20	
Toluene	4.80	0.0250	5.00		96.0	70-130	1.47	20	
o-Xylene	4.67	0.0250	5.00		93.4	70-130	1.59	20	
p,m-Xylene	9.27	0.0500	10.0		92.7	70-130	1.49	20	
Total Xylenes	13.9	0.0250	15.0		92.9	70-130	1.52	20	
Surrogate: 4-Bromochlorobenzene-PID	7.45		8.00		93.1	70-130			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/8/2022 11:27:08AM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2228028-BLK1) Prepared: 07/06/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.8	70-130			

LCS (2228028-BS2) Prepared: 07/06/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	46.7	20.0	50.0		93.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.43		8.00		92.9	70-130			

LCS Dup (2228028-BSD2) Prepared: 07/06/22 Analyzed: 07/07/22

Gasoline Range Organics (C6-C10)	45.5	20.0	50.0		91.0	70-130	2.67	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	70-130			



## QC Summary Data

Enterprise Products 614 Reilly Ave Farmington NM, 87401	Project Name: Chaco Plant GW Investigation Project Number: 04061-0042 Project Manager: Greg Crabtree	Reported: 7/8/2022 11:27:08AM
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## Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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## Blank (2228026-BLK1)

Prepared: 07/06/22 Analyzed: 07/06/22

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	58.7		50.0		117	50-200			

## LCS (2228026-BS1)

Prepared: 07/06/22 Analyzed: 07/06/22

Diesel Range Organics (C10-C28)	520	25.0	500		104	38-132			
Surrogate: n-Nonane	57.4		50.0		115	50-200			

## Matrix Spike (2228026-MS1)

Source: E206241-02

Prepared: 07/06/22 Analyzed: 07/07/22

Diesel Range Organics (C10-C28)	680	25.0	500	ND	136	38-132			M2
Surrogate: n-Nonane	74.0		50.0		148	50-200			

## Matrix Spike Dup (2228026-MSD1)

Source: E206241-02

Prepared: 07/06/22 Analyzed: 07/07/22

Diesel Range Organics (C10-C28)	692	25.0	500	ND	138	38-132	1.80	20	M2
Surrogate: n-Nonane	67.8		50.0		136	50-200			



QC Summary Data

Enterprise Products	Project Name:	Chaco Plant GW Investigation	Reported:
614 Reilly Ave	Project Number:	04061-0042	
Farmington NM, 87401	Project Manager:	Greg Crabtree	7/8/2022 11:27:08AM

Anions by EPA 300.0/9056A

Analyst: KL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2228017-BLK1)					Prepared: 07/06/22 Analyzed: 07/07/22				
Chloride	ND	20.0							
LCS (2228017-BS1)					Prepared: 07/06/22 Analyzed: 07/07/22				
Chloride	252	20.0	250		101	90-110			
Matrix Spike (2228017-MS1)					Source: E206238-01		Prepared: 07/06/22 Analyzed: 07/07/22		
Chloride	255	20.0	250	ND	102	80-120			
Matrix Spike Dup (2228017-MSD1)					Source: E206238-01		Prepared: 07/06/22 Analyzed: 07/07/22		
Chloride	257	20.0	250	ND	103	80-120	0.504	20	

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



Definitions and Notes

Enterprise Products	Project Name:	Chaco Plant GW Investigation	
614 Reilly Ave	Project Number:	04061-0042	Reported:
Farmington NM, 87401	Project Manager:	Greg Crabtree	07/08/22 11:27

- M2 Matrix spike recovery was outside quality control limits. 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

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

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



[illegible]



## Envirotech Analytical Laboratory

Printed: 6/30/2022 10:02:49AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	Enterprise Products	Date Received:	06/29/22 16:49	Work Order ID:	E206241
Phone:	(505)599-2104	Date Logged In:	06/30/22 10:00	Logged In By:	Caitlin Christian
Email:		Due Date:	07/07/22 17:00 (5 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
5. Were all samples received within holding time? Yes

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

Carrier: Brittany HallComments/ResolutionSample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

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

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 482640

**QUESTIONS**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 482640
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Prerequisites	
Incident ID (n#)	nAPP2202747264
Incident Name	NAPP2202747264 CHACO PLANT PRODUCED WATER SPILL -GW @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

**Location of Release Source**

Please answer all the questions in this group.

Site Name	CHACO PLANT PRODUCED WATER SPILL -GW
Date Release Discovered	01/26/2022
Surface Owner	Federal

**Incident Details**

Please answer all the questions in this group.

Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

**Nature and Volume of Release**

Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Freeze   Valve   Produced Water   Released: 5 BBL   Recovered: 0 BBL   Lost: 5 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 482640

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 482640
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>More info needed to determine if this will be treated as a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

**Initial Response**

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.*

The source of the release has been stopped	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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

I hereby agree and sign off to the above statement	Name: Valerie Phipps Title: Staff Environmental Engineer Email: vphipps@eprod.com Date: 07/08/2025
--	---

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QUESTIONS, Page 3

Action 482640

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 482640
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	Attached Document
Did this release impact groundwater or surface water	Yes
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	None
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	31
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	13100
GRO+DRO (EPA SW-846 Method 8015M)	13124
BTEX (EPA SW-846 Method 8021B or 8260B)	5650
Benzene (EPA SW-846 Method 8021B or 8260B)	691

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	05/16/2022
On what date will (or did) the final sampling or liner inspection occur	06/28/2022
On what date will (or was) the remediation complete(d)	05/16/2022
What is the estimated surface area (in square feet) that will be reclaimed	500
What is the estimated volume (in cubic yards) that will be reclaimed	631
What is the estimated surface area (in square feet) that will be remediated	500
What is the estimated volume (in cubic yards) that will be remediated	631

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 482640

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 482640
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	ENVIROTECH [fsc00000000048]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Yes
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Valerie Phipps Title: Staff Environmental Engineer Email: vphipps@eprod.com Date: 07/18/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 482640

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 482640
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No



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QUESTIONS, Page 6

Action 482640

**QUESTIONS (continued)**

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 482640
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	450899
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/17/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	200

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	500
What was the total volume (cubic yards) remediated	631
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	500
What was the total volume (in cubic yards) reclaimed	631
Summarize any additional remediation activities not included by answers (above)	Utilizing a hose and sprayer, approximately 210 gallons of a 50% hydrogen peroxide solution was applied to the excavation.
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Valerie Phipps Title: Staff Environmental Engineer Email: vphipps@eprod.com Date: 07/18/2025

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QUESTIONS, Page 7  
  
Action 482640

QUESTIONS (continued)

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 482640
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 482640

CONDITIONS

Operator: Enterprise Field Services, LLC PO Box 4324 Houston, TX 77210	OGRID: 241602
	Action Number: 482640
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	8/13/2025