

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

Pit, Below-Grade Tank, or
Proposed Alternative Method Permit or Closure Plan Application

BGT 1

- Type of action:
[ ] Below grade tank registration
[ ] Permit of a pit or proposed alternative method
[X] Closure of a pit, below-grade tank, or proposed alternative method
[ ] Modification to an existing permit/or registration
[X] Closure plan only submitted for an existing permitted or non-permitted pit, below-grade tank, or proposed alternative method

Instructions: Please submit one application (Form C-144) per individual pit, below-grade tank or alternative request

Please be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the environment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.

1. Operator: CROSS TIMBERS ENERGY, LLC OGRID #: 298299
Address: 400 W 7TH STREET, FORT WORTH, TX 76102 Facility
or well name: BREECH A #204
API Number: 30-039-06550 OCD Permit Number: U/
L or Qtr/Qtr P Section 9 Township 26N Range 6W County: RIO ARRIBA
Center of Proposed Design: Latitude 36.49665 Longitude -107.46638 NAD83

Surface Owner: X Federal State Private Tribal Trust or Indian Allotment
[ ] Pit: Subsection F, G or J of 19.15.17.11 NMAC
Temporary: [ ] Drilling [ ] Workover
[ ] Permanent [ ] Emergency [ ] Cavitation [ ] P&A [ ] Multi-Well Fluid Management Low Chloride Drilling Fluid [ ] yes [ ] no
[ ] Lined [ ] Unlined Liner type: Thickness mil [ ] LLDPE [ ] HDPE [ ] PVC [ ] Other
[ ] String-Reinforced
Liner Seams: [ ] Welded [ ] Factory [ ] Other Volume: bbl Dimensions: L x W x D

3. [X] Below-grade tank: Subsection I of 19.15.17.11 NMAC
Volume: 9 bbl Type of fluid: PRODUCED WATER
Tank Construction material: STEEL
[ ] Secondary containment with leak detection [ ] Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off
[ ] Visible sidewalls and liner [ ] Visible sidewalls only [ ] Other
Liner type: Thickness mil [ ] HDPE [ ] PVC [ ] Other

4. [X] Alternative Method:
Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

5. Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)
[ ] Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)
[ ] Four foot height, four strands of barbed wire evenly spaced between one and four feet
[ ] Alternate. Please specify

6.  
**Netting:** Subsection E of 19.15.17.11 NMAC (*Applies to permanent pits and permanent open top tanks*)  
 Screen  Netting  Other \_\_\_\_\_  
 Monthly inspections (If netting or screening is not physically feasible)

7.  
**Signs:** Subsection C of 19.15.17.11 NMAC  
 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers  
 Signed in compliance with 19.15.16.8 NMAC

8.  
**Variations and Exceptions:**  
 Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.  
**Please check a box if one or more of the following is requested, if not leave blank:**  
 Variance(s): Requests must be submitted to the appropriate division district for consideration of approval.  
 Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.

9.  
**Siting Criteria (regarding permitting):** 19.15.17.10 NMAC  
*Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of acceptable source material are provided below. Siting criteria does not apply to drying pads or above-grade tanks.*

<u>General siting</u>	
<b><u>Ground water is less than 25 feet below the bottom of a low chloride temporary pit or below-grade tank.</u></b> - <input type="checkbox"/> NM Office of the State Engineer - iWATERS database search; <input type="checkbox"/> USGS; <input type="checkbox"/> Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
<b><u>Ground water is less than 50 feet below the bottom of a Temporary pit, permanent pit, or Multi-Well Fluid Management pit.</u></b> NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance adopted pursuant to NMSA 1978, Section 3-27-3, as amended. <b>(Does not apply to below grade tanks)</b> - Written confirmation or verification from the municipality; Written approval obtained from the municipality	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within the area overlying a subsurface mine. <b>(Does not apply to below grade tanks)</b> - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within an unstable area. <b>(Does not apply to below grade tanks)</b> - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within a 100-year floodplain. <b>(Does not apply to below grade tanks)</b> - FEMA map	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b><u>Below Grade Tanks</u></b>	
Within 100 feet of a continuously flowing watercourse, significant watercourse, lake bed, sinkhole, wetland or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 200 horizontal feet of a spring or a fresh water well used for public or livestock consumption;. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b><u>Temporary Pit using Low Chloride Drilling Fluid</u></b> (maximum chloride content 15,000 mg/liter)	
Within 100 feet of a continuously flowing watercourse, or any other significant watercourse or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). (Applies to low chloride temporary pits.) - Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 300 feet from a occupied permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within 200 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 300feet of any other fresh water well or spring, in existence at the time of the initial application. NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input type="checkbox"/> No

Within 100 feet of a wetland.  
 - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site  Yes  No

**Temporary Pit Non-low chloride drilling fluid**

Within 300 feet of a continuously flowing watercourse, or any other significant watercourse, or within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).  
 - Topographic map; Visual inspection (certification) of the proposed site  Yes  No

Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  
 - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image  Yes  No

Within 500 horizontal feet of a spring or a private, domestic fresh water well used by less than five households for domestic or stock watering purposes, or 1000 feet of any other fresh water well or spring, in the existence at the time of the initial application;  
 - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site  Yes  No

Within 300 feet of a wetland.  
 - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site  Yes  No

**Permanent Pit or Multi-Well Fluid Management Pit**

Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark).  
 - Topographic map; Visual inspection (certification) of the proposed site  Yes  No

Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.  
 - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image  Yes  No

Within 500 horizontal feet of a spring or a fresh water well used for domestic or stock watering purposes, in existence at the time of initial application.  
 - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site  Yes  No

Within 500 feet of a wetland.  
 - US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site  Yes  No

10.  
**Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist:** Subsection B of 19.15.17.9 NMAC  
*Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.*  
 Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC  
 Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC  
 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC  
 Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC  
 Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC  
 Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC  
 Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_ or Permit Number: \_\_\_\_\_

11.  
**Multi-Well Fluid Management Pit Checklist:** Subsection B of 19.15.17.9 NMAC  
*Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.*  
 Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC  
 Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC  
 A List of wells with approved application for permit to drill associated with the pit.  
 Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC  
 Hydrogeologic Data - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC  
 Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC  
 Previously Approved Design (attach copy of design) API Number: \_\_\_\_\_ or Permit Number: \_\_\_\_\_

12.

**Permanent Pits Permit Application Checklist:** Subsection B of 19.15.17.9 NMAC

**Instructions:** Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.

- Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Climatological Factors Assessment
- Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
- Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
- Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
- Quality Control/Quality Assurance Construction and Installation Plan
- Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
- Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
- Nuisance or Hazardous Odors, including H<sub>2</sub>S, Prevention Plan
- Emergency Response Plan
- Oil Field Waste Stream Characterization
- Monitoring and Inspection Plan
- Erosion Control Plan
- Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC

13.

**Proposed Closure:** 19.15.17.13 NMAC

**Instructions:** Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.

- Type:  Drilling  Workover  Emergency  Cavitation  P&A  Permanent Pit  Below-grade Tank  Multi-well Fluid Management Pit  
 Alternative
- Proposed Closure Method:  Waste Excavation and Removal  
 Waste Removal (Closed-loop systems only)  
 On-site Closure Method (Only for temporary pits and closed-loop systems)  
 In-place Burial  On-site Trench Burial  
 Alternative Closure Method

14.

**Waste Excavation and Removal Closure Plan Checklist:** (19.15.17.13 NMAC) **Instructions:** Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.

- Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.13 NMAC
- Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings)
- Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

15.

**Siting Criteria (regarding on-site closure methods only):** 19.15.17.10 NMAC

**Instructions:** Each siting criteria requires a demonstration of compliance in the closure plan. Recommendations of acceptable source material are provided below. Requests regarding changes to certain siting criteria require justifications and/or demonstrations of equivalency. Please refer to 19.15.17.10 NMAC for guidance.

Ground water is less than 25 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
Ground water is between 25-50 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Within 100 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse, lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application. - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 300 horizontal feet of a private, domestic fresh water well or spring used for domestic or stock watering purposes, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Written confirmation or verification from the municipality; Written approval obtained from the municipality	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within 300 feet of a wetland. US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	<input type="checkbox"/> Yes <input type="checkbox"/> No
Within a 100-year floodplain. - FEMA map	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

16. **On-Site Closure Plan Checklist:** (19.15.17.13 NMAC) *Instructions: Each of the following items must be attached to the closure plan. Please indicate, by a check mark in the box, that the documents are attached.*

- Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
- Proof of Surface Owner Notice - based upon the appropriate requirements of Subsection E of 19.15.17.13 NMAC
- Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of Subsection K of 19.15.17.11 NMAC
- Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad) - based upon the appropriate requirements of 19.15.17.11 NMAC
- Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
- Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of 19.15.17.13 NMAC
- Waste Material Sampling Plan - based upon the appropriate requirements of 19.15.17.13 NMAC
- Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings or in case on-site closure standards cannot be achieved)
- Soil Cover Design - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Re-vegetation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC
- Site Reclamation Plan - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC

17. **Operator Application Certification:**

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

Name (Print): SAMANTHA AVARELLO Title: EHS COORDINATOR

Signature: *Samantha Avarello* Date: 06/26/2024

e-mail address: savarello@txopartners.com Telephone: 817-334-7747

18. **OCD Approval:**  Permit Application (including closure plan)  Closure Plan (only)  OCD Conditions (see attachment)

**OCD Representative Signature:** \_\_\_\_\_ **Approval Date:** \_\_\_\_\_

**Title:** \_\_\_\_\_ **OCD Permit Number:** \_\_\_\_\_

19. **Closure Report (required within 60 days of closure completion):** 19.15.17.13 NMAC

*Instructions: Operators are required to obtain an approved closure plan prior to implementing any closure activities and submitting the closure report. The closure report is required to be submitted to the division within 60 days of the completion of the closure activities. Please do not complete this section of the form until an approved closure plan has been obtained and the closure activities have been completed.*

**Closure Completion Date:** 08/08/2024

20. **Closure Method:**

Waste Excavation and Removal  On-Site Closure Method  Alternative Closure Method  Waste Removal (Closed-loop systems only)

If different from approved plan, please explain.

21. **Closure Report Attachment Checklist:** *Instructions: Each of the following items must be attached to the closure report. Please indicate, by a check mark in the box, that the documents are attached.*

- Proof of Closure Notice (surface owner and division)
- Proof of Deed Notice (required for on-site closure for private land only)
- Plot Plan (for on-site closures and temporary pits)
- Confirmation Sampling Analytical Results (if applicable)
- Waste Material Sampling Analytical Results (required for on-site closure)
- Disposal Facility Name and Permit Number
- Soil Backfilling and Cover Installation
- Re-vegetation Application Rates and Seeding Technique
- Site Reclamation (Photo Documentation)

On-site Closure Location: Latitude 36.49665 Longitude -107.46638 NAD:  1927  1983

22.

**Operator Closure Certification:**

I hereby certify that the information and attachments submitted with this closure report is true, accurate and complete to the best of my knowledge and belief. I also certify that the closure complies with all applicable closure requirements and conditions specified in the approved closure plan.

Name (Print): Samanntha Avarello Title: EHS Coordinator

Signature: Samanntha Avarello Date: 08/09/2024

e-mail address: savarello@txopartners.com Telephone: 817-334-7747



Drawn By: James McDaniel  
Date: 6/21/2024



**AERIAL MAP**

Company: Cross Timbers Energy, LLC  
Facility: Breech A #204  
API: 30-039-06550  
Section 9, Township 26N, Range 6W  
Rio Arriba, New Mexico  
GPS: 36.49665,-107.46638  
Source: Google Earth ()

**LEGEND**



Drawn By: James McDaniel  
 Date: 8/9/2024



**AERIAL MAP**

Company: Cross Timbers Energy, LLC  
 Facility: Breech A #204  
 API: 30-039-06550  
 Section 9, Township 26N, Range 6W  
 Rio Arriba, New Mexico  
 GPS: 36.49665,-107.46638  
 Source: Google Earth (2024)

**LEGEND**



BGT Cellar



Closure Composite Sample Point

## Cross Timbers Energy, LLC Below Grade Tank Closure Plan

**Lease Name:** Breech A #204

**API No.:** 30-039-06550

**Description:** Unit P, Section 9, Township 26N, Range 6W, Rio Arriba County

In accordance with Rule 19.15.17.13 NMAC the following information describes how the closure plan requirements were met regarding the BGT Closure performed at this location.

### General Plan

1. **CTE will obtain approval of this closure plan prior to commencing closure of the below grade tank (BGT) at this location pursuant to 19.15.17.13.C(1)**  
The closure plan for the BGT at this location was approved by the NMOCD on 6/26/2024.
2. **CTE will notify the surface owner by certified mail, return receipt requested, that the operator plans closure operations at least 72 hours, but no more than one week, prior to any closure operations. Notice will include:**
  - a. Well Name
  - b. Well API
  - c. Well Location

**\*CTE will notify government agencies by email of closure activities**  
The BLM was notified of closure activities via email on 7/23/2024; see attached *Closure Notification*.
3. **CTE will notify the Aztec Office of the NMOCD by email that the operator plans closure operations at least 72 hours, but no more than one week, prior to beginning closure activities at this location. Notice will include:**
  - a. Well Name
  - b. Well API
  - c. Well Location

The NMOCD was notified of closure activities via email on 7/23/2024; see attached *Closure Notification*.
4. **Within 60 days of cessation of operations, CTE will remove all liquids and sludge from the BGT prior to implementing closure activities and will dispose of the liquids and sludge at a division approved facility. Approved facilities and waste streams include:**
  - a. **Soils, tank bottoms, produced sands, pit sludge and other exempt wastes impacted by petroleum hydrocarbons will be disposed of at:**  
Envirotech: Permit #NM01-0011
  - b. **Produced water will be disposed of at:**  
Basin disposal: Permit #NM01-005, Agua Moss: Permit #NM-009, or CTE owned disposal wells.  
All materials were removed from the BGT prior to closure activities and taken to a certified facility.

5. **Within six (6) months of cessation of operations, CTE will remove the BGT and dispose of it at a division approved facility, or recycle, reuse or reclaim it in a manner that the appropriate district office approves. If there is any equipment associated with the BGT, CTE will remove the equipment, unless it is required on-site for some other purpose.** The BGT will be stored at CrossTimbers yard for re-use if applicable. All other equipment was removed from the location due to the P&A of this wellsite.

6. **CTE will collect a closure sample of the soil beneath the location of the BGT that is being closed. The closure sample will consist of a 5-point composite sample to include any obvious stained or wet soils, or other evidence of contamination. The closure sample will be analyzed for all constituents listed in table 1 below, including TPH (C-6-36), benzene, BTEX and chlorides.**

A closure composite sample was collected beneath the location of the BGT once it was removed on 8/1/2024 and analyzed for the constituents listed above at Eurofins Analytical Laboratory in Albuquerque.

Table I – Closure Criteria for Soils Beneath Below-Grade Tanks			
Depth below bottom of BGT to groundwater less than 10,000 mg/l TDS	Constituent	Method	Limit
< or equal to 50 feet	Chloride	EPA 300.0	600 mg/kg
	TPH	EPA Method 8015M	100 mg/kg
	BTEX	EPA Method 8021B	50 mg/kg
	Benzene	EPA Method 8021B	10 mg/kg
51 – 100 feet	Chloride	EPA 300.0	10,000 mg/kg
	TPH	EPA Method 8015M	2,500 mg/kg
	GRO + DRO	EPA Method 8015M	1,000 mg/kg
	BTEX	EPA Method 8021B	50 mg/kg
	Benzene	EPA Method 8021B	10 mg/kg
> 100 feet	Chloride	EPA 300.0	20,000 mg/kg
	TPH	EPA Method 8015M	2,500 mg/kg
	GRO + DRO	EPA Method 8015M	1,000 mg/kg
	BTEX	EPA Method 8021B	50 mg/kg
	Benzene	EPA Method 8021B	10 mg/kg

7. **CTE will closure this BGT based on the requirements for groundwater over 100 feet below the bottom of the BGT**

The laboratory results for the BGT Closure Composite sample results results of non-detect for all constituents analyzed; see *Analytical Results* and *Analytical Results Table*.

8. **If any contaminant concentration is greater than the parameters listed in Table I above, additional delineation may be required based on review of the results. CTE will receive division approval before proceeding with additional closure activities. If all contaminant concentrations are less than, or equal to, the parameters listed in Table I,**

**CTE will proceed with backfill of non-waste containing, uncontaminated earthen material.**

All constituents analyzed were below closure values for this location listed in Table I. Backfill of the BGT cellar occurred on 8/8/2024.

- 9. After closure has occurred, CTE will reclaim the former BGT closure area, if it is no longer being used for the continued extraction of oil and gas, by substantially restoring the surface area to the condition that existed prior to oil and gas operations. CTE will construct the soil cover to the site's existing grade and prevent ponding of water and erosion of the cover material. The soil cover shall consist of the background thickness of topsoil, or one foot of suitable materials to establish vegetation in the reclaimed area, whichever is greater. The area will be reclaimed as early as practicable, and as close to their original condition or land use as possible. They shall be maintained in such a way as to control dust and minimize erosion.**

The area was backfilled to meet the above specifications. The reclamation will be completed pursuant to BLM standards for the final reclamation of this location due to P&A.

- 10. CTE will complete reclamation in accordance with the requirements listed in NMAC 19.15.;17.13.H(5).**

- a. CTE will reclaim all areas disturbed by the closure of the below grade tank, except areas reasonably needed for production operations or subsequent drilling operations. The areas will be reclaimed as early as possible, and as nearly practicable to their original condition or their final land use.**
- b. CTE will ensure that top soils and subsoils are replaced to their original relative positions and contoured so as to achieve erosion control, long term stability, and preservation of surface water flow patterns. The reclaimed area shall then be re-seeded in the first favorable growing season following closure of the BGT.**
- c. CTE will consider reclamation of disturbed areas no longer in use complete when all ground surface disturbance activities have been completed, and uniform vegetative cover has been established that reflects a life-form ratio of plus or minus fifty percent (50%) of pre-disturbance levels and a total percent plant cover of at least seventy percent (70%) of pre-disturbed levels, excluding noxious weeds.**
- d. Re-vegetation and reclamation obligations imposed by other applicable federal, state or tribal agencies on lands managed by those agencies shall supersede these provisions and govern the obligation of CE subject to those provides, provided that the other requirements provide equal or better protection of fresh water, human health and the environment.**
- e. CTE will notify the division when reclamation and revegetation activities have been completed.**

The area was backfilled to meet the above specifications. The reclamation will be completed pursuant to BLM standards for the final reclamation of this location due to P&A.

- 11. CTE will submit a closure report detailing closure activities within 60 days of the closure of the BGT. The closure report will be filed on form C-144, and will include:**

- a. Proof of closure notifications (attached)**
- b. Confirmation sampling analytical results (attached)**
- c. Soil backfill and cover installations (per BLM specifications)**
- d. Photo documentation of the site reclamation (see attached *Photo Page*)**
- e. Alternative Table I groundwater criteria requests, groundwater information, and received approval (where needed) (NA)**



Environment Testing

- 1
- 2
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# ANALYTICAL REPORT

## PREPARED FOR

Attn: James McDaniel  
 JAKD Solutions  
 3811 Crestridge Dr  
 Farmington, New Mexico 87401

Generated 8/7/2024 11:11:29 AM

## JOB DESCRIPTION

Breach A #204

## JOB NUMBER

885-9070-1

Eurofins Albuquerque  
 4901 Hawkins NE  
 Albuquerque NM 87109



# Eurofins Albuquerque

## Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

## Authorization



Generated  
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Authorized for release by  
Michelle Garcia, Project Manager  
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(505)345-3975

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Client: JAKD Solutions  
Project/Site: Breech A #204

Laboratory Job ID: 885-9070-1



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## Definitions/Glossary

Client: JAKD Solutions  
Project/Site: Breech A #204

Job ID: 885-9070-1

## Qualifiers

## GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Case Narrative

Client: JAKD Solutions  
Project: Breech A #204

Job ID: 885-9070-1

**Job ID: 885-9070-1**

**Eurofins Albuquerque**

## Job Narrative 885-9070-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

### Receipt

The sample was received on 8/2/2024 6:22 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.9°C.

### Gasoline Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### Diesel Range Organics

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

### HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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### Client Sample Results

Client: JAKD Solutions  
 Project/Site: Breech A #204

Job ID: 885-9070-1

**Client Sample ID: BGT Closure Camp**

**Lab Sample ID: 885-9070-1**

Date Collected: 08/01/24 10:15

Matrix: Solid

Date Received: 08/02/24 06:22

**Method: SW846 8015M/D - Gasoline Range Organics (GRO) (GC)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/02/24 09:38	08/04/24 21:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		35 - 166			08/02/24 09:38	08/04/24 21:06	1

**Method: SW846 8021B - Volatile Organic Compounds (GC)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/02/24 09:38	08/06/24 03:06	1
Ethylbenzene	ND		0.050	mg/Kg		08/02/24 09:38	08/06/24 03:06	1
Toluene	ND		0.050	mg/Kg		08/02/24 09:38	08/06/24 03:06	1
Xylenes, Total	ND		0.10	mg/Kg		08/02/24 09:38	08/06/24 03:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		48 - 145			08/02/24 09:38	08/06/24 03:06	1

**Method: SW846 8015M/D - Diesel Range Organics (DRO) (GC)**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		9.3	mg/Kg		08/05/24 09:36	08/05/24 13:53	1
Motor Oil Range Organics [C28-C40]	ND		47	mg/Kg		08/05/24 09:36	08/05/24 13:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	104		62 - 134			08/05/24 09:36	08/05/24 13:53	1

**Method: EPA 300.0 - Anions, Ion Chromatography**

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		60	mg/Kg		08/05/24 11:06	08/05/24 12:54	20

### QC Sample Results

Client: JAKD Solutions  
Project/Site: Breech A #204

Job ID: 885-9070-1

#### Method: 8015M/D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 885-9626/1-A  
Matrix: Solid  
Analysis Batch: 9729

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 9626

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	ND		5.0	mg/Kg		08/02/24 09:38	08/04/24 16:24	1
Surrogate	%Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		35 - 166			08/02/24 09:38	08/04/24 16:24	1

Lab Sample ID: LCS 885-9626/2-A  
Matrix: Solid  
Analysis Batch: 9729

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 9626

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	25.0	25.5		mg/Kg		102	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	206	S1+	35 - 166				

#### Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 885-9626/1-A  
Matrix: Solid  
Analysis Batch: 9780

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 9626

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	mg/Kg		08/02/24 09:38	08/05/24 23:12	1
Ethylbenzene	ND		0.050	mg/Kg		08/02/24 09:38	08/05/24 23:12	1
Toluene	ND		0.050	mg/Kg		08/02/24 09:38	08/05/24 23:12	1
Xylenes, Total	ND		0.10	mg/Kg		08/02/24 09:38	08/05/24 23:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		48 - 145			08/02/24 09:38	08/05/24 23:12	1

Lab Sample ID: LCS 885-9626/3-A  
Matrix: Solid  
Analysis Batch: 9780

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 9626

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	1.00	0.976		mg/Kg		98	70 - 130
Ethylbenzene	1.00	0.896		mg/Kg		90	70 - 130
Toluene	1.00	0.923		mg/Kg		92	70 - 130
Xylenes, Total	3.00	2.67		mg/Kg		89	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	91		48 - 145				

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### QC Sample Results

Client: JAKD Solutions  
 Project/Site: Breech A #204

Job ID: 885-9070-1

#### Method: 8015M/D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 885-9717/1-A  
 Matrix: Solid  
 Analysis Batch: 9716

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 9717

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		10	mg/Kg		08/05/24 09:36	08/05/24 13:32	1
Motor Oil Range Organics [C28-C40]	ND		50	mg/Kg		08/05/24 09:36	08/05/24 13:32	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate (Surr)	101		62 - 134			08/05/24 09:36	08/05/24 13:32	1

Lab Sample ID: LCS 885-9717/2-A  
 Matrix: Solid  
 Analysis Batch: 9716

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 9717

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	50.0	42.6		mg/Kg		85	60 - 135
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Di-n-octyl phthalate (Surr)	92		62 - 134				

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-9732/1-A  
 Matrix: Solid  
 Analysis Batch: 9777

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 9732

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.5	mg/Kg		08/05/24 11:06	08/05/24 12:29	1
Surrogate	MB %Recovery	MB Qualifier	Limits					
Chloride	15.0		14.2	mg/Kg		94	90 - 110	

### QC Association Summary

Client: JAKD Solutions  
 Project/Site: Breech A #204

Job ID: 885-9070-1

#### GC VOA

##### Prep Batch: 9626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9070-1	BGT Closure Camp	Total/NA	Solid	5030C	
MB 885-9626/1-A	Method Blank	Total/NA	Solid	5030C	
LCS 885-9626/2-A	Lab Control Sample	Total/NA	Solid	5030C	
LCS 885-9626/3-A	Lab Control Sample	Total/NA	Solid	5030C	

##### Analysis Batch: 9729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9070-1	BGT Closure Camp	Total/NA	Solid	8015M/D	9626
MB 885-9626/1-A	Method Blank	Total/NA	Solid	8015M/D	9626
LCS 885-9626/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9626

##### Analysis Batch: 9780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9070-1	BGT Closure Camp	Total/NA	Solid	8021B	9626
MB 885-9626/1-A	Method Blank	Total/NA	Solid	8021B	9626
LCS 885-9626/3-A	Lab Control Sample	Total/NA	Solid	8021B	9626

#### GC Semi VOA

##### Analysis Batch: 9716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9070-1	BGT Closure Camp	Total/NA	Solid	8015M/D	9717
MB 885-9717/1-A	Method Blank	Total/NA	Solid	8015M/D	9717
LCS 885-9717/2-A	Lab Control Sample	Total/NA	Solid	8015M/D	9717

##### Prep Batch: 9717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9070-1	BGT Closure Camp	Total/NA	Solid	SHAKE	
MB 885-9717/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 885-9717/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	

#### HPLC/IC

##### Prep Batch: 9732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9070-1	BGT Closure Camp	Total/NA	Solid	300_Prep	
MB 885-9732/1-A	Method Blank	Total/NA	Solid	300_Prep	
LCS 885-9732/2-A	Lab Control Sample	Total/NA	Solid	300_Prep	

##### Analysis Batch: 9777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-9070-1	BGT Closure Camp	Total/NA	Solid	300.0	9732
MB 885-9732/1-A	Method Blank	Total/NA	Solid	300.0	9732
LCS 885-9732/2-A	Lab Control Sample	Total/NA	Solid	300.0	9732

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### Lab Chronicle

Client: JAKD Solutions  
Project/Site: Breech A #204

Job ID: 885-9070-1

**Client Sample ID: BGT Closure Camp**

**Lab Sample ID: 885-9070-1**

**Date Collected: 08/01/24 10:15**

**Matrix: Solid**

**Date Received: 08/02/24 06:22**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5030C			9626	JP	EET ALB	08/02/24 09:38
Total/NA	Analysis	8015M/D		1	9729	RA	EET ALB	08/04/24 21:06
Total/NA	Prep	5030C			9626	JP	EET ALB	08/02/24 09:38
Total/NA	Analysis	8021B		1	9780	JP	EET ALB	08/06/24 03:06
Total/NA	Prep	SHAKE			9717	EM	EET ALB	08/05/24 09:36
Total/NA	Analysis	8015M/D		1	9716	EM	EET ALB	08/05/24 13:53
Total/NA	Prep	300_Prep			9732	KB	EET ALB	08/05/24 11:06
Total/NA	Analysis	300.0		20	9777	RC	EET ALB	08/05/24 12:54

**Laboratory References:**

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975



### Accreditation/Certification Summary

Client: JAKD Solutions  
Project/Site: Breech A #204

Job ID: 885-9070-1

#### Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date																																				
New Mexico	State	NM9425, NM0901	02-26-25																																				
<p>The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.</p> <table border="1"> <thead> <tr> <th>Analysis Method</th> <th>Prep Method</th> <th>Matrix</th> <th>Analyte</th> </tr> </thead> <tbody> <tr> <td>300.0</td> <td>300_Prep</td> <td>Solid</td> <td>Chloride</td> </tr> <tr> <td>8015M/D</td> <td>5030C</td> <td>Solid</td> <td>Gasoline Range Organics (GRO)-C6-C10</td> </tr> <tr> <td>8015M/D</td> <td>SHAKE</td> <td>Solid</td> <td>Diesel Range Organics [C10-C28]</td> </tr> <tr> <td>8015M/D</td> <td>SHAKE</td> <td>Solid</td> <td>Motor Oil Range Organics [C28-C40]</td> </tr> <tr> <td>8021B</td> <td>5030C</td> <td>Solid</td> <td>Benzene</td> </tr> <tr> <td>8021B</td> <td>5030C</td> <td>Solid</td> <td>Ethylbenzene</td> </tr> <tr> <td>8021B</td> <td>5030C</td> <td>Solid</td> <td>Toluene</td> </tr> <tr> <td>8021B</td> <td>5030C</td> <td>Solid</td> <td>Xylenes, Total</td> </tr> </tbody> </table>				Analysis Method	Prep Method	Matrix	Analyte	300.0	300_Prep	Solid	Chloride	8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10	8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]	8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]	8021B	5030C	Solid	Benzene	8021B	5030C	Solid	Ethylbenzene	8021B	5030C	Solid	Toluene	8021B	5030C	Solid	Xylenes, Total
Analysis Method	Prep Method	Matrix	Analyte																																				
300.0	300_Prep	Solid	Chloride																																				
8015M/D	5030C	Solid	Gasoline Range Organics (GRO)-C6-C10																																				
8015M/D	SHAKE	Solid	Diesel Range Organics [C10-C28]																																				
8015M/D	SHAKE	Solid	Motor Oil Range Organics [C28-C40]																																				
8021B	5030C	Solid	Benzene																																				
8021B	5030C	Solid	Ethylbenzene																																				
8021B	5030C	Solid	Toluene																																				
8021B	5030C	Solid	Xylenes, Total																																				
Oregon	NELAP	NM100001	02-26-25																																				

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### Login Sample Receipt Checklist

Client: JAKD Solutions

Job Number: 885-9070-1

Login Number: 9070

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	True	



Breach A 204 Sample Results Table											
Sample Name	Date	Time	Diesel Range Organics (DRO) (mg/kg)	Gasoline Range Organics (GRO) (mg/kg)	Oil Range Organics (MRO) (mg/kg)	TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	Chlorides (mg/kg)
BGT Closure Composite	8/1/2024	10:15 AM	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND = Non-Detect



CrossTimbers Energy  
Breach A 204 BGT Closure  
Photo Page



Photo 1: Well Sign



CrossTimbers Energy  
Breach A 204 BGT Closure  
Photo Page



Photo 2: BGT in Cellar



CrossTimbers Energy  
Breach A 204 BGT Closure  
Photo Page



Photo 3: BGT Cellar after Tank Removal



CrossTimbers Energy  
Breach A 204 BGT Closure  
Photo Page



Photo 4: Backfilled BGT Cellar Area

## James McDaniel

---

**From:** James McDaniel  
**Sent:** Tuesday, July 23, 2024 11:39 AM  
**To:** Barr, Leigh, EMNRD; Adeloye, Abiodun A; Velez, Nelson, EMNRD  
**Cc:** Jeff Waggoner; Samantha Avarello  
**Subject:** Breach A 204 BGT Closure Notification

Ladies and Gentlemen,

Please accept this notification as the required notice for BGT Closure activities at the well site show below. BGT Closure activities are scheduled to occur on Thursday, August 1, 2024 at 10:00 AM. Thank you!

### 30-039-06550 BREECH A #204 [312457]

#### General Well Information

Operator:	[298299] CROSS TIMBERS ENERGY, LLC
Status:	Active
Well Type:	Gas
Work Type:	New
Surface Location:	P-09-26N-06W 760 FSL 660 FEL
Lat/Long:	36.49665,-107.46638 NAD83
GL Elevation:	6596
KB Elevation:	
DF Elevation:	

James McDaniel, CSP, CIT, CHMM  
 Project Manager  
 505-860-1666  
[james@jakdsolutions.com](mailto:james@jakdsolutions.com)



**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
 1220 S. St Francis Dr., Santa Fe, NM 87505  
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 372330

**CONDITIONS**

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 372330
	Action Type: [C-144] Below Grade Tank Plan (C-144B)

**CONDITIONS**

Created By	Condition	Condition Date
joseph.kennedy	None	8/12/2024