



October 25, 2024

District Supervisor
Oil Conservation Division, District 1
1625 N. French Drive
Hobbs, New Mexico 88240

**Re: Site Characterization and Remediation Closure Request
BTA Oil Producers, LLC
White Wing CTB Release
Unit Letter A, Section 18, Township 23 South, Range 34 East
Lea County, New Mexico
Incident ID# nAPP2426443293**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by BTA Oil Producers, LLC (BTA) to assess a release associated with the White Wing Central Tank Battery. The release footprint is located within Public Land Survey System (PLSS) Unit Letter A, Section 18, Township 23 South, Range 34 East, in Lea County, New Mexico (Site). The approximate release point occurred at coordinates 32.311019°, -103.502052°, as shown on Figures 1 and 2.

BACKGROUND

On September 20, 2024, a Notification of Release (NOR) was submitted to the New Mexico Oil Conservation Division (NMOCD) online portal system for a release discovered on September 18, 2024. Following the NOR Submittal, the release was assigned the incident ID nAPP2426443293. The cause of the release is indicated in the NOR as an equipment failure on a coupling. A NMOCD C-141 Initial Report was subsequently submitted to the NMOCD online portal system on September 20, 2024. The release consisted of approximately 71 barrels (bbls) of produced water, of which 50 bbls of produced water were recovered. A copy of the NMOCD initial C-141 and NOR are included in Appendix A.

SITE CHARACTERIZATION

According to the NMOCD Oil and Gas Map, the site is located on private land. A site characterization was performed in accordance with 19.15.29.11 New Mexico State Administrative Code (NMAC) and the guidance document Process Updates re: Submissions of Form C-141 Release Notification and Corrective Actions (12/01/2023).

A summary of the site characterization is presented below:

Shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (feet bgs)	Between 100 and 500 feet bgs
Method used to determine the depth to ground water	Attached Document
Did this release impact groundwater or surface water?	No
<u>The minimum distance between the closest lateral extents of the release and the following surface areas:</u>	
A continuously flowing watercourse or any other significant watercourse	> 5 miles
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	> 5 miles
An occupied permanent residence, school, hospital, institution, or church	> 5 miles
A spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes	> 5 miles

Tetra Tech

901 West Wall St., Suite 100, Midland, TX 79701

Tel 432.682.4559

Fax 432.682.3946

www.tetrattech.com

Site Characterization and Remediation Closure Request
October 25, 2024

BTA Oil Producers, LLC

Any other fresh water well or spring	> 5 miles
Incorporated municipal boundaries or a defined municipal fresh water well field	> 5 miles
A wetland	Between 500 and 100 ft
A subsurface mine	> 5 miles
A (non-karst) unstable area	> 5 miles
Categorized risk of this well / site being in a karst geology	Low
A 100-year floodplain	> 5 miles
Did the release impact areas not on an exploration, development, production, or storage site?	No

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no water wells within ½ mile (800 meters) of the Site.

As the available water level information was from a well further than ½ mile away from the Site, BTA elected to review adjacent release sites with approved reports for possibility of associated borings which could provide a means of determining depth to groundwater in the vicinity of the nOY1723062483 release area. On September 9, 2021, a licensed drilling subcontractor was contracted to a drill a borehole to 110 ft bgs to determine depth to water (DTW) as part of the characterization associated with the Starcaster 18 Fed Com #4H. The DTW boring is located approximately 0.46 miles north northwest of the White Wing CTB Release. The borehole was dry upon completion, and soils were dry from surface to total depth. The depth to groundwater in the area was thus verified as greater than 110 ft bgs. The borehole coordinates are 32.316919°, -103.505894°. The site characterization data is included in Appendix B.

REGULATORY FRAMEWORK

Based upon the release footprint location and in accordance with Subsection E of 19.15.29.12 NMAC, per 19.15.29.11 NMAC, the site characterization data was used to determine recommended remedial action levels (RRALs) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total petroleum hydrocarbons (TPH), and chlorides in soil.

Based on the site characterization, depth to groundwater, and in accordance with Table I of 19.15.29.12 NMAC, the recommended remedial action levels (RRALs) for the Site are as follows:

Constituent	Site RRALs
Chloride	20,000 mg/kg
TPH (GRO+DRO+ORO)	2,500 mg/kg
TPH (GRO+DRO)	1,000 mg/kg
BTEX	50 mg/kg
Benzene	10 mg/kg

Additionally, in accordance with the NMOCD guidance *Procedures for Implementation of the Spill Rule (19.15.29 NMAC)* (September 6, 2019), the following reclamation requirements for surface soils (0-4 ft bgs) outside of active oil and gas operations are as follows:

Constituent	Reclamation Requirements
Chloride	600 mg/kg
TPH	100 mg/kg

INITIAL RESPONSE ACTIVITIES

In accordance with 19.15.29.8.B.(4) NMAC that states “the responsible party may commence remediation

immediately after discovery of a release”, BTA elected to begin remediation of the impacted area on September 24, 2024. The release extent consisted of approximately 3,590 square feet, indicated in Figure 3. Initial response remedial actions were performed at the release site, and visually stained areas were scraped to remove impacted materials. The on-pad material was excavated to 1 foot below ground surface, resulting in approximately 133 cubic yards of material being removed and disposed of at a permitted facility.

RELEASE ASSESSMENT AND DELINEATION

Following the initial response, on September 27, 2024, Tetra Tech personnel conducted release assessment sampling on behalf of BTA. Photographic documentation is included in Appendix C.

Tetra Tech personnel installed five (5) hand auger borings (AH-1 through AH-5) along the perimeter of the release footprint to horizontally delineate the release extent. Five (5) hand auger borings (AH-6 through AH-10) were installed to maximum 3 feet bgs within the release footprint to vertically delineate the release extent. Samples were field screened for salinity with an ExStik to determine total depths of the borings.

A total of ten (10) soil samples were submitted to Cardinal Laboratories in Hobbs, New Mexico for analysis of chloride via Standard Method SM4500Cl-B, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. A copy of the laboratory analysis and chain-of-custody documentation are included in Appendix D.

Analytical results from the September 2024 assessment activities are summarized in Table 1. Analytical results associated with AH-10 exceeded the reclamation requirements for chloride (600 mg/kg) in the 1–2-foot bgs interval. All other analytical results were below the reclamation requirements and/or Site RRALs for all constituents. Vertical and horizontal delineation of the release extent was achieved following the September 2024 assessment activities.

REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING

From October 2 to 16, 2024, Tetra Tech personnel were onsite to supervise remedial activities at the Site, including additional excavation, disposal, and confirmation sampling. Prior to confirmation sampling, the NMOC district office was notified via the OCD Fee Application Portal in accordance with Subsection D of 19.15.29.12 NMAC. Documentation of associated regulatory correspondence is included in Appendix E.

Soils in the delineated release extent were excavated as indicated in Figure 4. The areas within the release footprint were excavated to a maximum depth of 3 feet below surrounding grade. Due to safety concerns associated with working around pressurized lines, impacted soils were excavated by hydro-excavation and hand within 4 feet of subsurface lines. Heavy machinery remained outside this buffer zone to avoid any associated risk or disturbance. Photographs from the excavated areas prior to backfill are provided in Appendix C. All excavated material was transported offsite for proper disposal. Approximately 272 cubic yards of material were transported to the R360 Halfway Facility. Copies of the waste manifests are included in Appendix F.

Following excavation, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify efficacy of remediation activities. Confirmation samples were collected such that each discrete sample (sidewall and floor) was representative of no more than 200 square feet of excavated area. Twenty (20) confirmation floor sample locations and nine (9) confirmation sidewall sample locations were collected for laboratory analysis during remedial activities. Confirmation sidewall sample locations were categorized with the cardinal direction (N, E, S, W) followed by SW-#. Confirmation floor sample locations were labeled with “FS”-#. Excavated areas, depths and confirmation sample locations are indicated in Figure 4.

Collected confirmation samples were placed into laboratory-provided sample containers, transferred under chain-of-custody, and analyzed within appropriate holding times by Cardinal. The soil samples were analyzed for TPH (GRO+DRO+MRO) by EPA Method 8015M, BTEX by EPA Method 8021B, and chlorides by SM4500Cl-B. The analytical results were directly compared to the Site RRALs to demonstrate compliance. The results of the October 2024 confirmation sampling events are summarized in Table 2. All

Site Characterization and Remediation Closure Request
October 25, 2024

BTA Oil Producers, LLC

final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH, and BTEX. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix D.

Once acceptable confirmation sample results were received, the excavation was backfilled with clean material to pre-release grade. One (1) representative 5-point composite sample was collected from the backfill material used for the reclamation of the project site. Soil backfill composite sampling results are summarized in Table 3. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix D.

CONCLUSION

BTA respectfully requests closure of the incident based on the remedial activities performed, and the confirmation sampling results received. The final C-141 forms are enclosed in Appendix A. If you have any questions concerning the remedial action for the Site, please call me at (512) 560-9064.

Sincerely,
Tetra Tech, Inc.



Nicholas Poole, G.I.T.
Project Manager

cc: Ray Ramos, BTA Oil Producers, LLC

Site Characterization and Remediation Closure Request
October 25, 2024

BTA Oil Producers, LLC

LIST OF ATTACHMENTS

Figures:

- Figure 1 – Overview Map
- Figure 2 – Topographic Map
- Figure 3 – Approximate Release and Site Assessment
- Figure 4 – Remediation Extent and Confirmation Sampling Locations

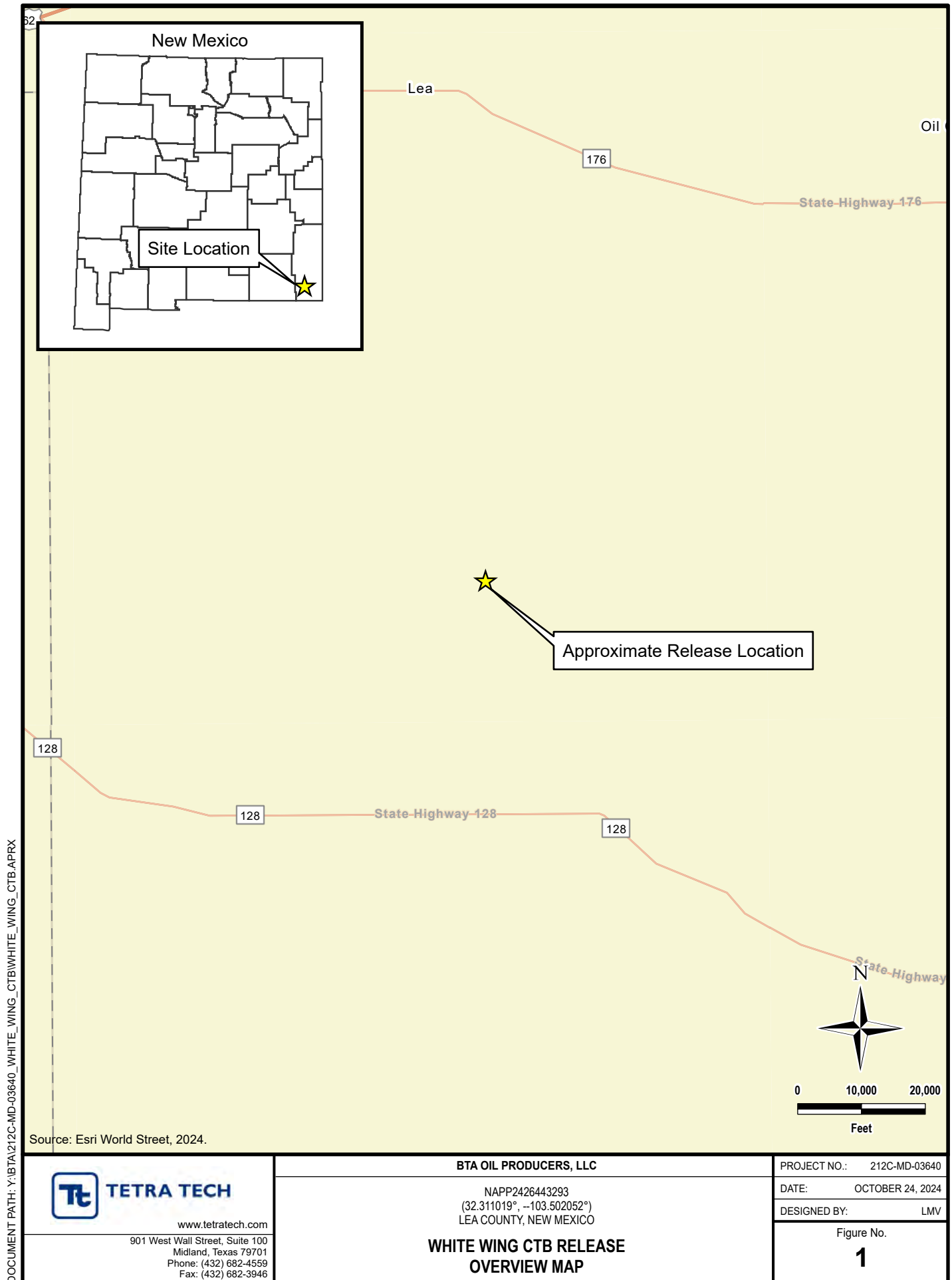
Tables:

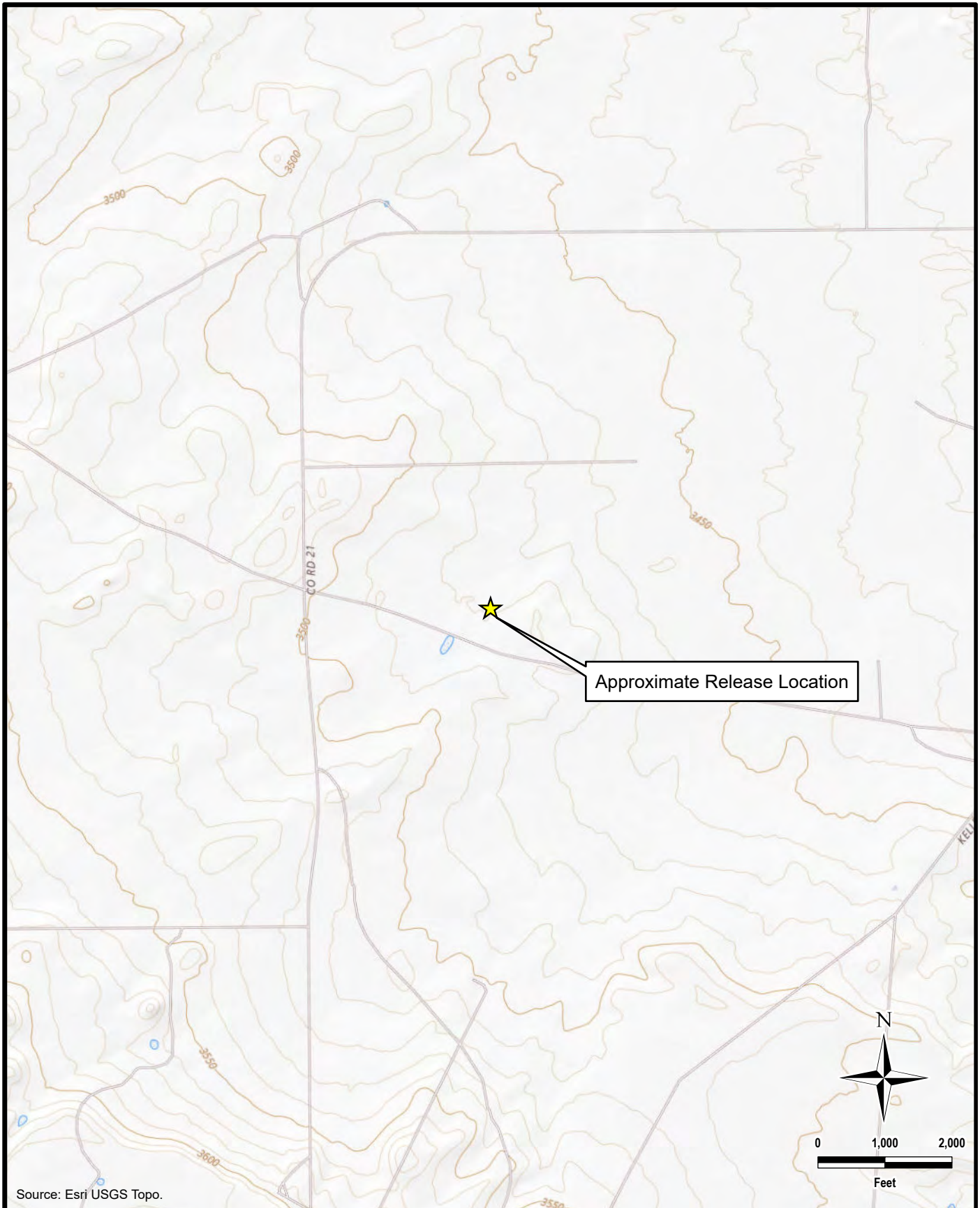
- Table 1 – Summary of Analytical Results – Soil Assessment
- Table 2 – Summary of Analytical Results – Soil Remediation
- Table 3 – Summary of Analytical Results – Soil Backfill

Appendices:


- Appendix A – C-141 Forms
- Appendix B – Site Characterization Data
- Appendix C – Photographic Documentation
- Appendix D – Laboratory Analytical Data
- Appendix E – Regulatory Correspondence
- Appendix F – Waste Manifests

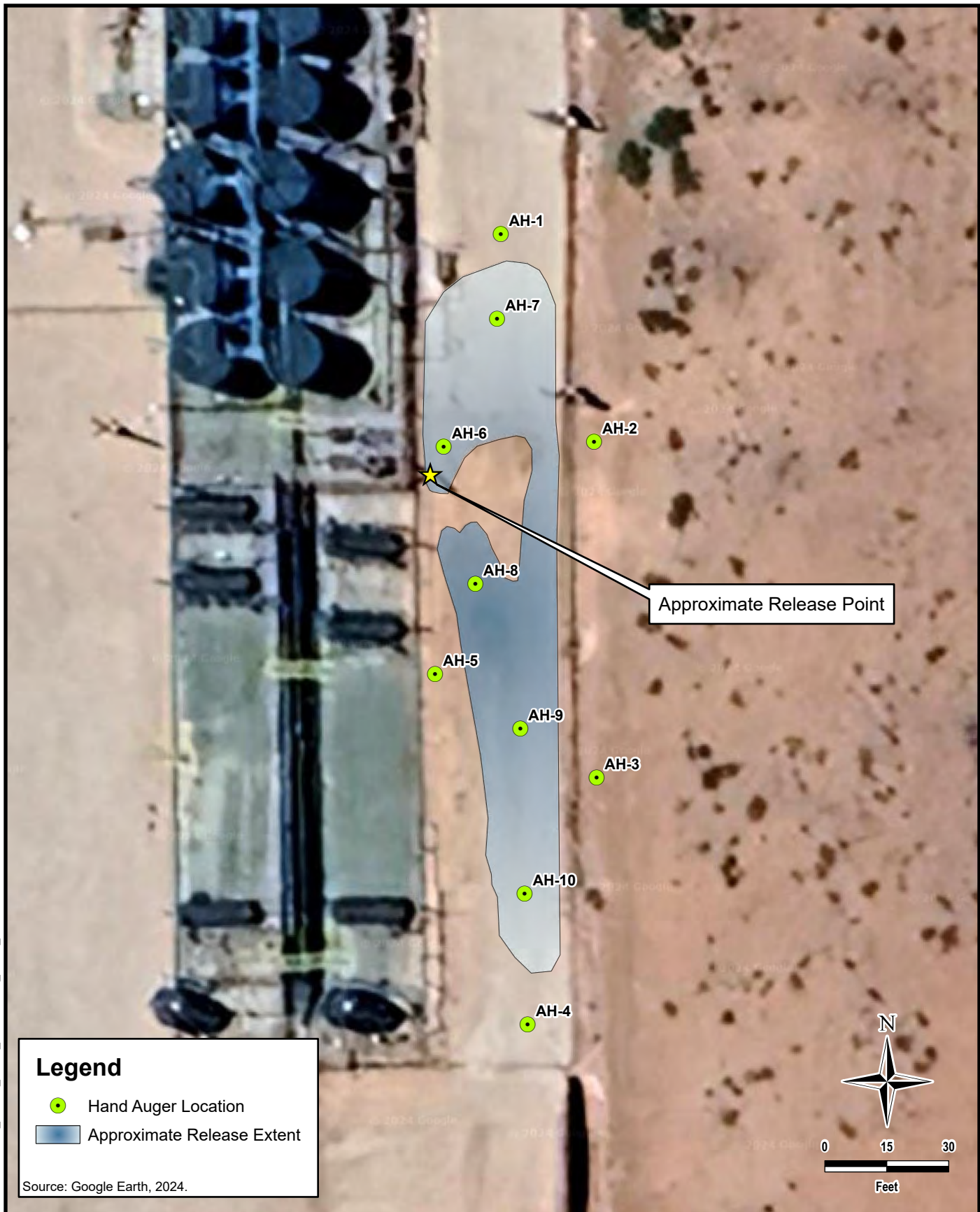
FIGURES





DOCUMENT PATH: Y:\BTA\212C-MD-03640_WHITE_WING_CTB\WHITE_WING_CTB.APRX

 www.tetrattech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946	BTA OIL PRODUCERS, LLC		PROJECT NO.: 212C-MD-03640
	NAPP2426443293 (32.311019°, -103.502052°) LEA COUNTY, NEW MEXICO		DATE: OCTOBER 24, 2024
	WHITE WING CTB RELEASE TOPOGRAPHIC MAP		DESIGNED BY: LMV
			Figure No. 2



DOCUMENT PATH: Y:\BTA\212C-MD-03640_WHITE_WING_CTBW\WHITE_WING_CTBA\PRX

Legend

- Hand Auger Location
- Approximate Release Extent

Source: Google Earth, 2024.



www.tetrattech.com

901 West Wall Street, Suite 100
Midland, Texas 79701
Phone: (432) 682-4559
Fax: (432) 682-3946

BTA OIL PRODUCERS, LLC

NAPP2426443293
(32.311019°, -103.502052°)
LEA COUNTY, NEW MEXICO

WHITE WING CTB RELEASE APPROXIMATE RELEASE EXTENT AND SITE ASSESSMENT

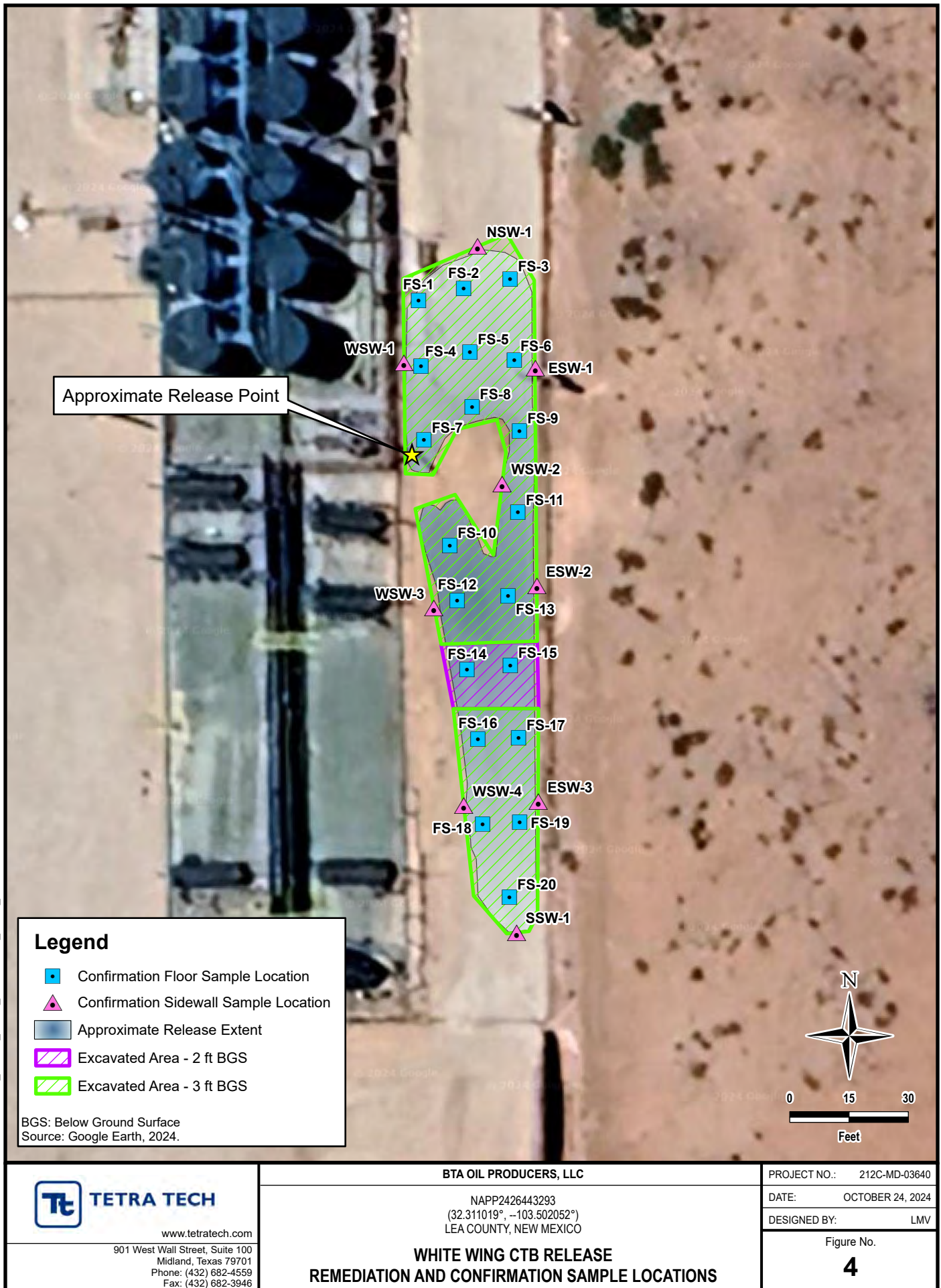
PROJECT NO.: 212C-MD-03640

DATE: OCTOBER 24, 2024

DESIGNED BY: LMV

Figure No.

3



TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
SOIL ASSESSMENT- nAPP2426443293
BTA OIL, LLC
WHITE WING CTB
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Field Screening Results	Chloride		BTEX ²										TPH ³						
			Benzene			Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)		
		ft. bgs	ppm	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q		mg/kg	
AH-1	9/27/2024	1	247	16	Q	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-2	9/27/2024	1	170	16		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-3	9/27/2024	1	152	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-4	9/27/2024	1	217	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-5	9/27/2024	1	261	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-6	9/27/2024	1-2	169	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-7	9/27/2024	1-2	186	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-8	9/27/2024	1-2	271	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-9	9/27/2024	1-2	293	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
AH-10	9/27/2024	1-2	4,010	2,880		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
		2-3	220	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-

NOTES:

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

1 Method SM4500Cl-B

2 Method 8021B

3 Method 8015M

Bold and italicized values indicate exceedance of proposed RRALs and Reclamation Requirements.

Shaded rows indicate intervals proposed for excavation.

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
SOIL REMEDIATION - nAPP2426443293
CONOCOPHILLIPS
WHITE WING CTB
LEA COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride ¹		BTEX ²										TPH ³							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)	
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q		
FS-1	10/10/2024	3	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-2	10/7/2024	2	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-3	10/10/2024	3	112		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-4	10/10/2024	3	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-5	10/10/2024	3	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-6	10/10/2024	3	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-7	10/10/2024	3	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-8	10/10/2024	3	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-9	10/10/2024	3	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-10	10/10/2024	3	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-11	10/10/2024	3	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-12*	10/7/2024	2	1,020		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-12 (3')	10/10/2024	3	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-13	10/10/2024	3	80		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-14	10/2/2024	2	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-15	10/2/2024	2	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-16	10/2/2024	3	112		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-17	10/2/2024	3	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-18	10/2/2024	3	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-19	10/2/2024	3	160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
FS-20	10/2/2024	3	32		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
NSW-1	10/7/2024	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
ESW-1	10/7/2024	-	80		<0.050		<0.050		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0		-	
ESW-2	10/7/2024	-	112		<0.050		<0.050		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0		-	
ESW-3	10/7/2024	-	32		<0.050		<0.050		<0.050		<0.050		<0.300		<10.0		<10.0		<10.0		-	
WSW-1	10/7/2024	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
WSW-2	10/7/2024	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
WSW-3	10/7/2024	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
WSW-4	10/7/2024	-	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
SSW-1	10/2/2024	-	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	

NOTES:

- ft. Feet
bgs Below ground surface
mg/kg Milligrams per kilogram
TPH Total Petroleum Hydrocarbons
GRO Gasoline range organics
DRO Diesel range organics
1 Method SM4500Cl-B
2 Method 8021B
3 Method 8015M

Bold and italicized values indicate exceedance of proposed Remediation RRLs and Reclamation Requirements.

Gold highlight represents soil horizons that were removed during deepening of excavation floors.

Green highlight represents soil intervals that were removed during horizontal expansion of excavation sidewalls.

* These iterative samples are located to encompass the original sample location that triggered removal, with further excavation in each area indicated in (I).

QUALIFIERS:

TABLE 3
SUMMARY OF ANALYTICAL RESULTS
SOIL BACKFILL - NAPP2329631879
CONOCOPHILLIPS
BEVO 11 FEDERAL #004H FLOWLINE RELEASE
LEA COUNTY, NM

Sample ID	Sample Date	Chloride ¹		BTEX ²										TPH ³					
				Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO	DRO		EXT DRO		Total TPH
		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	C ₆ - C ₁₀	> C ₁₀ - C ₂₈		> C ₂₈ - C ₃₆		(GRO+DRO+EXT DRO)
BACKFILL - COMPOSITE	5/3/2024	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0			<10.0		-

NOTES:

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

1 Method SM4500Cl-B

2 Method 8021B

3 Method 8015M

APPENDIX A

C-141 Forms

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

QUESTIONS

Action 385405

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 385405
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	White Wing CTB
Date Release Discovered	09/18/2024
Surface Owner	Private

Incident Details <i>Please answer all the questions in this group.</i>	
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 <i>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.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Coupling Produced Water Released: 71 BBL Recovered: 50 BBL Lost: 21 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
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.

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

QUESTIONS, Page 2

Action 385405

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 385405
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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.	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

ACKNOWLEDGMENTS

Action 385405

ACKNOWLEDGMENTS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 385405
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	I acknowledge the fact that 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.
<input checked="" type="checkbox"/>	I acknowledge the fact that, 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.

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 385405

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 385405
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
nicholas poole	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	9/20/2024



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1 (EW-01)		WELL TAG ID NO. n/a		OSE FILE NO(S). CP-1886			
	WELL OWNER NAME(S) Kaiser-Francis Oil Company				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 6733 S. Yale Ave				CITY Tulsa	STATE OK	ZIP 74136	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 19	SECONDS 0.91 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE NW SE Sec. 7 T23S R34E								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 09/09/2021		DRILLING ENDED 09/09/2021		DEPTH OF COMPLETED WELL (FT) temporary well material	BORE HOLE DEPTH (FT) 110	DEPTH WATER FIRST ENCOUNTERED (FT) n/a	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	105	±6.5	Boring- HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

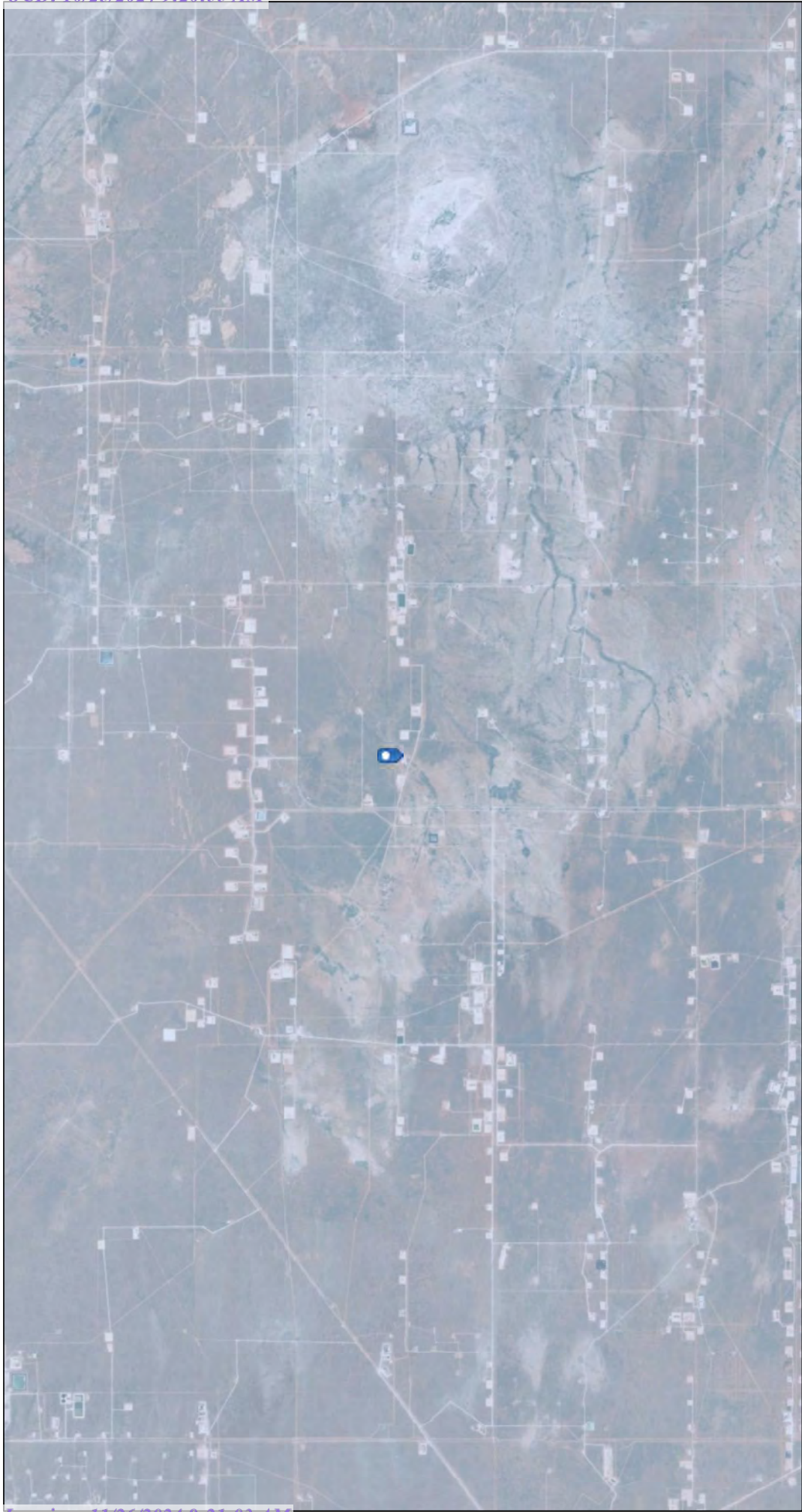
FILE NO.	CP-1886	POD NO.	1	TRN NO.	702706
LOCATION	23S.34E.7.414			WELL TAG ID NO.	PAGE 1 OF 2

	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)	
	FROM	TO					
4. HYDROGEOLOGIC LOG OF WELL	0	4	4	Sand, Medium/Fine grained, poorly graded, caliche gravel Brown	Y ✓ N		
	4	9	5	Caliche, with fine-grained sand, Off White/ Tan	Y ✓ N		
	9	105	96	Sand, Fine grained, poorly graded,with caliche gravel, Brown	Y ✓ N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
					Y N		
	METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm):	0.00
	5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
MISCELLANEOUS INFORMATION:		Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface.					
6. SIGNATURE	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Carmelo Trevino, Cameron Pruitt						
	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING: <div style="display: flex; justify-content: space-between;"> <i>Jackie Atkins</i> Jackie D. Atkins 09/23/2021 </div> <hr/> <div style="display: flex; justify-content: space-between;"> SIGNATURE OF DRILLER / PRINT SIGNEE NAME DATE </div>						

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/2017)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2	

NM OCD - Permian Basin Karst Areas

Released to Imaging: 11/26/2024 9:21:03 AM



9/20/2024, 12:31:18 PM

Karst Occurrence Potential

Low

1:72,224

0 0.75 1.5 3 mi
0 1.25 2.5 5 km

BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, Earthstar Geographics

NM OCD - Surface Ownership



9/20/2024, 12:42:28 PM

Mineral Ownership

A-All minerals are owned by U.S.

N-No minerals are owned by the U.S.

Land Ownership

BLM

P

S

1:4,514

0 0.05 0.1 0.15 0.19 mi
0 0.07 0.15 0.3 km

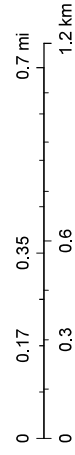
U.S. BLM, Esri, HERE, Garmin, IPC, Maxar

NM OCD - Hydrology



9/20/2024, 12:30:23 PM

1:18,056



Esri, HERE, Garmin, IPC, Maxar, NM OSE

National Flood Hazard Layer FIRMette



13°30'30"W 32°18'55"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, AP*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas with a 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 X*

OTHER AREAS

- NO SCREEN
- Area of Minimal Flood Hazard *Zone X*
- Effective LOMR
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped

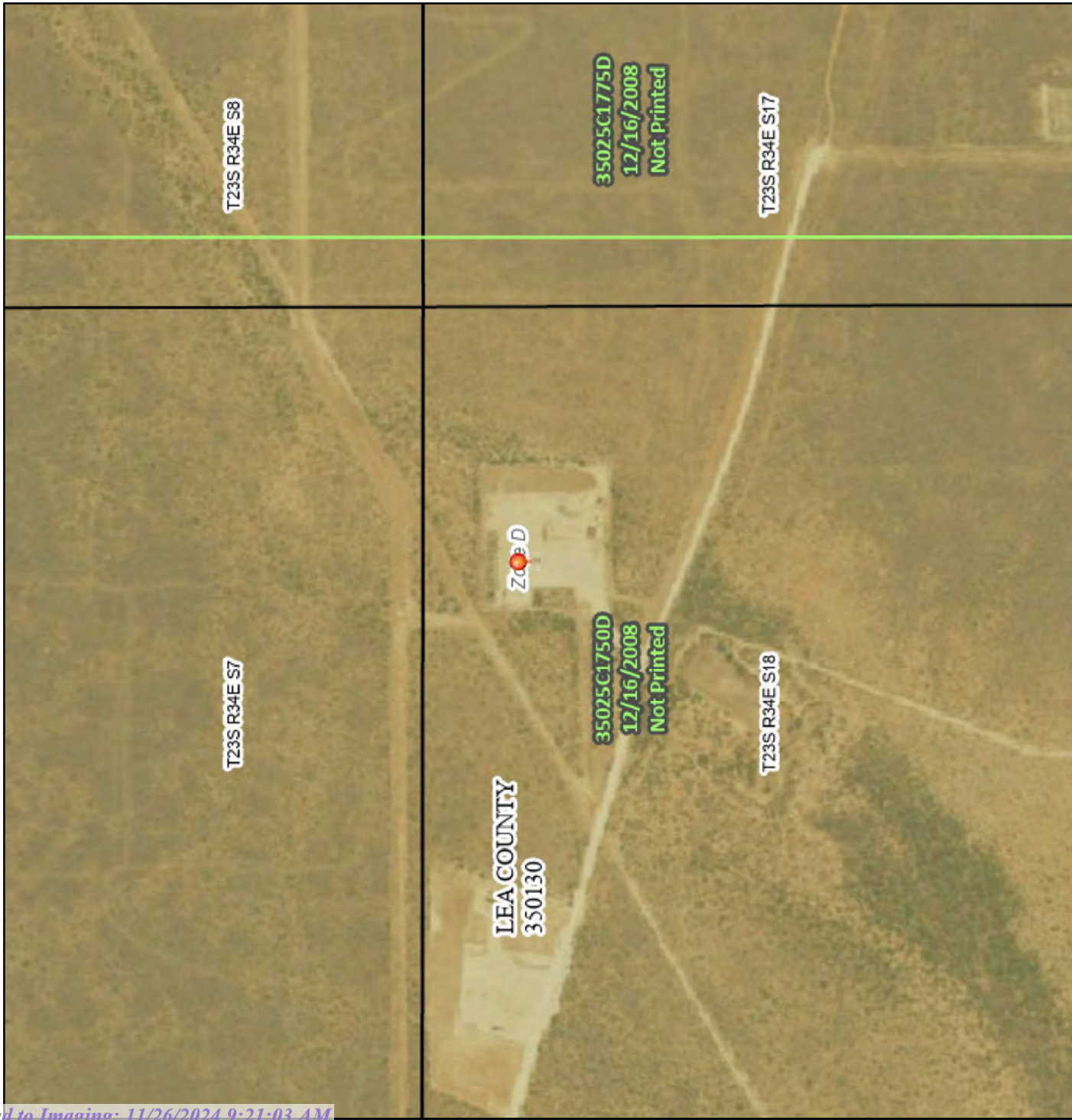


The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

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 **9/20/2024 at 1:32 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.



103°29'52"W 32°18'24"N

Feet

1:6,000

2,000

1,500

1,000

500

0

Received by OCD: 9/20/2024 12:15:58 PM

Released to Imaging: 11/26/2024 9:21:03 AM



U.S. Fish and Wildlife Service

National Wetlands Inventory

National Wetlands Inventory Map



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

- September 20, 2024
- Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond

Lake

Other

Riverine
- . Released to Imaging: 9/23/2024 7:21:03 AM

***** LIQUID SPILLS - VOLUME CALCULATIONS *****

Release Location Name: White Wing CTB Date of Release: 9/18/2024

If the leak/spill is associated with production equipment, i.e. - wellhead, stuffing box, flowline, tank battery, production vessel, transfer pump, or storage tank place an "X" here: ☒

Input Data:

If spill volumes from measurement, i.e. metering, tank volumes, etc. are known enter the volumes here: OIL: 0.0000 BBL WATER: 0.0000 BBL

If "known" spill volumes are given, input data for the following "Area Calculations" is optional. The above will override the calculated volumes.

Total Area Calculations						Standing Liquid Calculations					
Total Surface Area	width	length	wet soil depth	oil (%)		Standing Liquid Area	width	length	liquid depth	oil (%)	
Rectangle Area #1	33.00 ft	X 100.00 ft	X 3.00 in	0.00%		Rectangle Area #1	20.00 ft	X 85.00 ft	X 2.00 in	0.00%	
Rectangle Area #2	0.00 ft	X 0.00 ft	X 0.00 in	0.00%		Rectangle Area #2	0.00 ft	X 0.00 ft	X 0.00 in	0.00%	
Rectangle Area #3	0.00 ft	X 0.00 ft	X 0.00 in	0.00%		Rectangle Area #3	0.00 ft	X 0.00 ft	X 0.00 in	0.00%	
Rectangle Area #4	0.00 ft	X 0.00 ft	X 0.00 in	0.00%		Rectangle Area #4	0.00 ft	X 0.00 ft	X 0.00 in	0.00%	
Rectangle Area #5	0.00 ft	X 0.00 ft	X 0.00 in	0.00%		Rectangle Area #5	0.00 ft	X 0.00 ft	X 0.00 in	0.00%	
Rectangle Area #6	0.00 ft	X 0.00 ft	X 0.00 in	0.00%		Rectangle Area #6	0.00 ft	X 0.00 ft	X 0.00 in	0.00%	
Rectangle Area #7	0.00 ft	X 0.00 ft	X 0.00 in	0.00%		Rectangle Area #7	0.00 ft	X 0.00 ft	X 0.00 in	0.00%	
Rectangle Area #8	0.00 ft	X 0.00 ft	X 0.00 in	0.00%		Rectangle Area #8	0.00 ft	X 0.00 ft	X 0.00 in	0.00%	

production system leak - DAILY PRODUCTION DATA REQUIRED

Average Daily Production: Oil BBL Water BBL
Did leak occur before the separator?: ☐ YES ☒ N/A (place an "X")

Amount of Free Liquid Recovered: 50 BBL okay Percentage of Oil in Free Liquid Recovered: 0.00% (percentage)
Liquid holding factor *: 0.14 gal per gal

Use the following when the spill wets the grains of the soil.
* sand = .08 gallon liquid per gallon volume of soil.
* gravelly (caliche) loam = .14 gallon liquid per gallon volume of soil.
* sandy clay loam soil = .14 gallon liquid per gallon volume of soil.
* clay loam = .16 gallon liquid per gallon volume of soil.
Use the following when the liquid completely fills the pore space of the soil:
Occurs when the spill soaked soil is contained by barriers, natural (or not).
* gravelly (caliche) loam = .25 gallon liquid per gallon volume of soil.
* sandy loam = .5 gallon liquid per gallon volume of soil.

Saturated Soil Volume Calculations:			Free Liquid Volume Calculations:		
Total Solid/Liquid Volume:	3,300 sq. ft.	H2O 825 cu. ft. OIL cu. ft.	Total Free Liquid Volume:	1,700 sq. ft.	H2O 283 cu. ft. OIL cu. ft.
<u>Estimated Volumes Spilled</u>			<u>Estimated Production Volumes Lost</u>		
Liquid in Soil:	20.6 BBL	0.0 BBL	Estimated Production Spilled:	0.0 BBL	0.0 BBL
Free Liquid:	50.5 BBL	0.0 BBL	<u>Estimated Surface Damage</u>		
Totals:	71.0 BBL	0.0 BBL	Surface Area:	3,300 sq. ft.	
			Surface Area:	.0758 acre	
Total Spill Liquid:	71.0 BBL	0.0 BBL	<u>Estimated Weights, and Volumes</u>		
<u>Recovered Volumes</u>			Saturated Soil =	92,400 lbs	825 cu.ft. 31 cu.yds.
Estimated oil recovered:	0.0 BBL	check - okay	Total Liquid =	71 BBL	2,983 gallon 24,821 lbs
Estimated water recovered:	50.0 BBL	check - okay			

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

QUESTIONS

Action 385407

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 385407
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426443293
Incident Name	NAPP2426443293 WHITE WING CTB @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	White Wing CTB
Date Release Discovered	09/18/2024
Surface Owner	Private

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: Equipment Failure Coupling Produced Water Released: 71 BBL Recovered: 50 BBL Lost: 21 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
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.

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

QUESTIONS, Page 2

Action 385407

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 385407
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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.	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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: Nicholas Poole Title: with Tetrattech Email: nicholas.poole@tetrattech.com Date: 09/20/2024
--	--

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

QUESTIONS, Page 3

Action 385407

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 385407
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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 100 and 500 (ft.)
What method was used to determine the depth to ground water	Attached Document
Did this release impact groundwater or surface water	No

What is the minimum distance, between the closest lateral extents of the release and the following surface areas:

A continuously flowing watercourse or any other significant watercourse	Greater than 5 (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	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
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	Low
A 100-year floodplain	Greater than 5 (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	No
---	----

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.

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 385407

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 385407
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	9/23/2024

Incident ID	nAPP2426443293
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	>110 (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

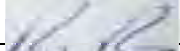
State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAPP2426443293
District RP	
Facility ID	
Application ID	

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: Ray Ramos Title: BTA Environmental Manager

Signature:  Date: 10/24/2024

email: rramos@btaoil.com Telephone: 432-313-1288

OCD Only

Received by: _____ Date: _____

Incident ID	nAPP2426443293
District RP	
Facility ID	
Application ID	

Closure


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 (electronic submittals in .pdf format are preferred) 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.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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.

Printed Name: Ray Ramos Title: BTA Environmental Manager

Signature:  Date: 10/24/2024

email: r.amos@btaoil.com Telephone: 432-313-1288

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

APPENDIX B

Site Characterization Data



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the
POD suffix indicates
the POD has been
replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are
smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
CP 01886 POD1		CP	LE	SE	NW	SE	07	23S	34E	640645.6	3576545.2		747			

Average Depth to Water: 0 feet

Minimum Depth: 0 feet

Maximum Depth: 0 feet

Record Count: 1

UTM Filters (in meters):

Easting: 641016.44
Northing: 3575896.10
Radius: 000800

* UTM location was derived from PLSS - see Help

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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1 (EW-01)		WELL TAG ID NO. n/a		OSE FILE NO(S). CP-1886			
	WELL OWNER NAME(S) Kaiser-Francis Oil Company				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 6733 S. Yale Ave				CITY Tulsa	STATE OK	ZIP 74136	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 19	SECONDS 0.91 N	• ACCURACY REQUIRED: ONE TENTH OF A SECOND			
		LONGITUDE 103	30	21.22 W	• DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE NW SE Sec. 7 T23S R34E								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 09/09/2021		DRILLING ENDED 09/09/2021		DEPTH OF COMPLETED WELL (FT) temporary well material	BORE HOLE DEPTH (FT) 110	DEPTH WATER FIRST ENCOUNTERED (FT) n/a	
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) n/a		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	105	±6.5	Boring- HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/17)	
FILE NO.	CP-1886	POD NO.	1
LOCATION	23S:34E:7.414	TRN NO.	702706
		WELL TAG ID NO.	
		PAGE 1 OF 2	

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	4	4	Sand, Medium/Fine grained, poorly graded, caliche gravel Brown	Y ✓ N	
	4	9	5	Caliche, with fine-grained sand, Off White/ Tan	Y ✓ N	
	9	105	96	Sand, Fine grained, poorly graded, with caliche gravel, Brown	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface.	
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Carmelo Trevino, Cameron Pruitt <div style="text-align: right; margin-top: 10px;">09/23/2021 10:58</div>		

6. SIGNATURE	SIGNATURE OF DRILLER / PRINT SIGNED NAME	DATE
	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> Jackie D. Atkins </div> <div style="text-align: right;"> 09/23/2021 </div> </div>	

NM OCD - Permian Basin Karst Areas

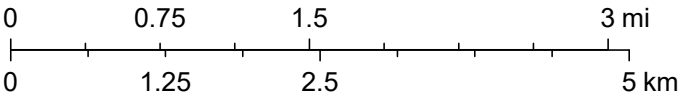


9/20/2024, 12:31:18 PM

Karst Occurrence Potential

 Low

1:72,224

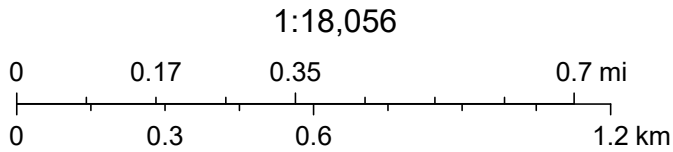


BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, Earthstar Geographics

NM OCD - Hydrology



9/20/2024, 12:30:23 PM

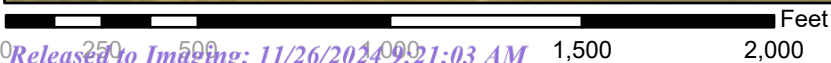
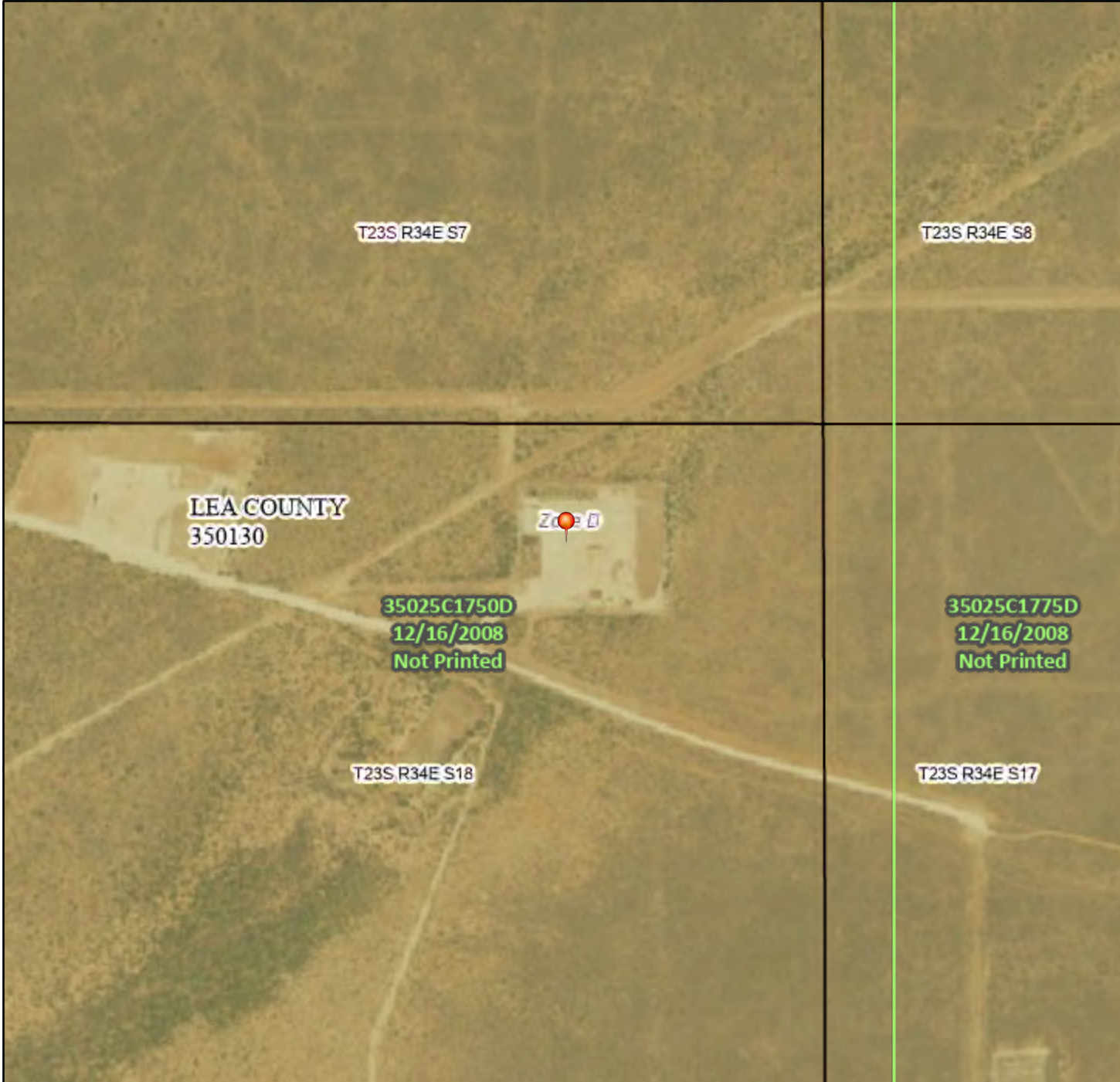


Esri, HERE, Garmin, IPC, Maxar, NM OSE

National Flood Hazard Layer FIRMMette



103°30'30"W 32°18'55"N



1:6,000

103°29'52"W 32°18'24"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 9/20/2024 at 1:32 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.

NM OCD - Surface Ownership



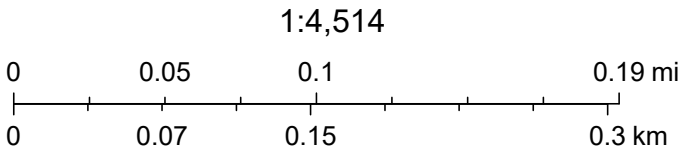
9/20/2024, 12:42:28 PM

Mineral Ownership

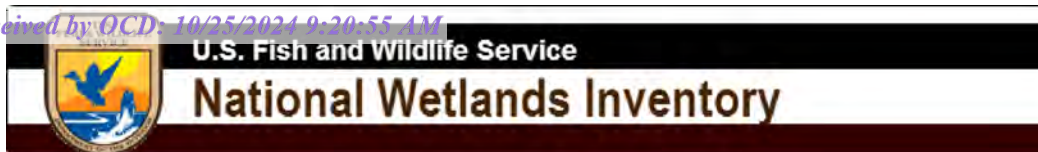
- A-All minerals are owned by U.S.
- N-No minerals are owned by the U.S.

Land Ownership

- BLM
- P
- S



U.S. BLM, Esri, HERE, Garmin, IPC, Maxar



National Wetlands Inventory Map



September 20, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

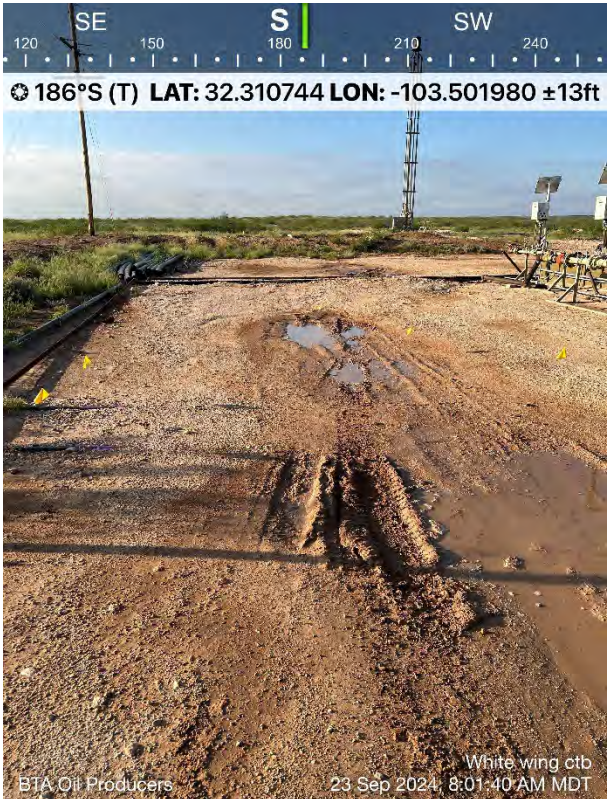
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

APPENDIX C



Photographic Documentation



TETRA TECH, INC. PROJECT NO. 212C-MD-03640	DESCRIPTION	View of approximate release extent.	1
	SITE NAME	White Wing CTB Release	N/A



TETRA TECH, INC. PROJECT NO. 212C-MD-03640	DESCRIPTION	View south of approximate release extent and marked subsurface utilities.	2
	SITE NAME	White Wing CTB Release	9/23/2024

<div><div><div><div>NW</div><div>N</div><div>NE</div></div><div><div>330</div><div>0</div><div>30</div><div>60</div></div></div><div>☉ 15°N (T) LAT: 32.310722 LON: -103.502017 ±13ft ▲ 3492ft</div><div><div>6to8 inch scrape</div><div>White wing</div><div>27 Sep 2024, 13:59:52</div></div></div>			
TETRA TECH, INC. PROJECT NO. 212C-MD-03640	DESCRIPTION	View north-northeast of initial response activities. Approximate 6-8 in scrape.	3
	SITE NAME	White Wing CTB Release	9/27/2024
<div><div><div><div>SE</div><div>S</div><div>SW</div></div><div><div>120</div><div>150</div><div>180</div><div>210</div><div>240</div></div></div><div>☉ 181°S (T) LAT: 32.311157 LON: -103.501956 ±6ft ▲ 3488ft</div><div><div>Beginning of day</div><div>White wing</div><div>01 Oct 2024, 07:15:47</div></div></div>			
TETRA TECH, INC. PROJECT NO. 212C-MD-03640	DESCRIPTION	View south of excavation progress.	4
	SITE NAME	White Wing CTB Release	10/1/2024

S

SV

W

180

210

240

270


300

229°SW (T)

LAT: 32.310853

LON: -103.501913 ±9ft

▲ 3485ft



End of day

White wing

01 Oct 2024, 14:51:03

TETRA TECH, INC. PROJECT NO. 212C-MD-03640	DESCRIPTION	View southwest of marked utilities and excavation progress.	5
	SITE NAME	White Wing CTB Release	10/1/2024

S

SW

W

150

180

210

240

270

218°SW (T)

LAT: 32.311001

LON: -103.501928 ±13ft

▲ 3498ft



End of day

White wing

03 Oct 2024, 14:33:04

TETRA TECH, INC. PROJECT NO. 212C-MD-03640	DESCRIPTION	View southwest of marked utilities and excavation progress.	6
	SITE NAME	White Wing CTB Release	10/3/2024

Released to Imaging: 11/26/2024 9:21:03 AM

W
270


NW
300

N
330

0

NE
30

339°N (T) LAT: 32.310703 LON: -103.501955 ±9ft ▲ 3491ft



Middle of day

White wing
04 Oct 2024, 11:43:52

TETRA TECH, INC. PROJECT NO. 212C-MD-03640	DESCRIPTION	View north-northwest of marked utilities and excavation progress.	7
	SITE NAME	White Wing CTB Release	10/4/2024

S
150

SW
180

210

240

W
270

219°SW (T) LAT: 32.311148 LON: -103.501975 ±9ft ▲ 3492ft



Middle of day

White wing CTB
10 Oct 2024, 10:55:48

TETRA TECH, INC. PROJECT NO. 212C-MD-03640	DESCRIPTION	View south-southwest of excavation progress.	8
	SITE NAME	White Wing CTB Release	10/10/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03640	DESCRIPTION	View north of completed excavation.	9
	SITE NAME	White Wing CTB Release	10/16/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-03640	DESCRIPTION	View south of completed excavation.	10
	SITE NAME	White Wing CTB Release	10/16/2024

APPENDIX D

Laboratory Analytical Data



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

September 30, 2024

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WHITE WING CTB

Enclosed are the results of analyses for samples received by the laboratory on 09/27/24 14:44.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/27/2024	Sampling Date:	09/27/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	WHITE WING CTB	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT 15089	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO, NEW MEXICO		

Sample ID: AH - 1 @ 1' (H245905-01)

BTEx 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	8.64	
Toluene*	<0.050	0.050	09/27/2024	ND	2.05	102	2.00	7.03	
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.04	102	2.00	6.24	
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.09	101	6.00	5.89	
Total BTEX	<0.300	0.300	09/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/30/2024	ND	432	108	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2024	ND	201	100	200	0.199	
DRO >C10-C28*	<10.0	10.0	09/28/2024	ND	192	96.1	200	0.295	
EXT DRO >C28-C36	<10.0	10.0	09/28/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 09/27/2024
 Reported: 09/30/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 15089
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AH - 2 @ 1' (H245905-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	8.64		
Toluene*	<0.050	0.050	09/27/2024	ND	2.05	102	2.00	7.03		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.04	102	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.09	101	6.00	5.89		
Total BTEx	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2024	ND	201	100	200	0.199	
DRO >C10-C28*	<10.0	10.0	09/28/2024	ND	192	96.1	200	0.295	
EXT DRO >C28-C36	<10.0	10.0	09/28/2024	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 09/27/2024
 Reported: 09/30/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 15089
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AH - 3 @ 1' (H245905-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	8.64		
Toluene*	<0.050	0.050	09/27/2024	ND	2.05	102	2.00	7.03		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.04	102	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.09	101	6.00	5.89		
Total BTEx	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/30/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2024	ND	201	100	200	0.199	
DRO >C10-C28*	<10.0	10.0	09/28/2024	ND	192	96.1	200	0.295	
EXT DRO >C28-C36	<10.0	10.0	09/28/2024	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 09/27/2024
 Reported: 09/30/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 15089
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AH - 4 @ 1' (H245905-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	8.64		
Toluene*	<0.050	0.050	09/27/2024	ND	2.05	102	2.00	7.03		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.04	102	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.09	101	6.00	5.89		
Total BTEx	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/30/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2024	ND	201	100	200	0.199	
DRO >C10-C28*	<10.0	10.0	09/28/2024	ND	192	96.1	200	0.295	
EXT DRO >C28-C36	<10.0	10.0	09/28/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 09/27/2024
 Reported: 09/30/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 15089
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AH - 5 @ 1' (H245905-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	8.64		
Toluene*	<0.050	0.050	09/27/2024	ND	2.05	102	2.00	7.03		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.04	102	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.09	101	6.00	5.89		
Total BTEx	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2024	ND	201	100	200	0.199	
DRO >C10-C28*	<10.0	10.0	09/28/2024	ND	192	96.1	200	0.295	
EXT DRO >C28-C36	<10.0	10.0	09/28/2024	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 09/27/2024
 Reported: 09/30/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 15089
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AH - 6 @ 1-2' (H245905-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	8.64		
Toluene*	<0.050	0.050	09/27/2024	ND	2.05	102	2.00	7.03		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.04	102	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.09	101	6.00	5.89		
Total BTEx	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/30/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2024	ND	201	100	200	0.199	
DRO >C10-C28*	<10.0	10.0	09/28/2024	ND	192	96.1	200	0.295	
EXT DRO >C28-C36	<10.0	10.0	09/28/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 09/27/2024
 Reported: 09/30/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 15089
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AH - 7 @ 1-2' (H245905-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	8.64		
Toluene*	<0.050	0.050	09/27/2024	ND	2.05	102	2.00	7.03		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.04	102	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.09	101	6.00	5.89		
Total BTEx	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/30/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2024	ND	201	100	200	0.199	
DRO >C10-C28*	<10.0	10.0	09/28/2024	ND	192	96.1	200	0.295	
EXT DRO >C28-C36	<10.0	10.0	09/28/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	09/27/2024	Sampling Date:	09/27/2024
Reported:	09/30/2024	Sampling Type:	Soil
Project Name:	WHITE WING CTB	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT 15089	Sample Received By:	Tamara Oldaker
Project Location:	BTA - LEA CO, NEW MEXICO		

Sample ID: AH - 8 @ 1-2' (H245905-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	8.64		
Toluene*	<0.050	0.050	09/27/2024	ND	2.05	102	2.00	7.03		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.04	102	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.09	101	6.00	5.89		
Total BTEx	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/30/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2024	ND	201	100	200	0.199	
DRO >C10-C28*	<10.0	10.0	09/28/2024	ND	192	96.1	200	0.295	
EXT DRO >C28-C36	<10.0	10.0	09/28/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 09/27/2024
 Reported: 09/30/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 15089
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AH - 9 @ 1-2' (H245905-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	8.64		
Toluene*	<0.050	0.050	09/27/2024	ND	2.05	102	2.00	7.03		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.04	102	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.09	101	6.00	5.89		
Total BTEX	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/30/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2024	ND	201	100	200	0.199	
DRO >C10-C28*	<10.0	10.0	09/28/2024	ND	192	96.1	200	0.295	
EXT DRO >C28-C36	<10.0	10.0	09/28/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 09/27/2024
 Reported: 09/30/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 15089
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AH - 10 @ 1-2' (H245905-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	8.64		
Toluene*	<0.050	0.050	09/27/2024	ND	2.05	102	2.00	7.03		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.04	102	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.09	101	6.00	5.89		
Total BTEx	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2880	16.0	09/30/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2024	ND	201	100	200	0.199	
DRO >C10-C28*	<10.0	10.0	09/28/2024	ND	192	96.1	200	0.295	
EXT DRO >C28-C36	<10.0	10.0	09/28/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 09/27/2024
 Reported: 09/30/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 15089
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 09/27/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: AH - 10 @ 2-3' (H245905-11)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/27/2024	ND	2.00	100	2.00	8.64		
Toluene*	<0.050	0.050	09/27/2024	ND	2.05	102	2.00	7.03		
Ethylbenzene*	<0.050	0.050	09/27/2024	ND	2.04	102	2.00	6.24		
Total Xylenes*	<0.150	0.150	09/27/2024	ND	6.09	101	6.00	5.89		
Total BTX	<0.300	0.300	09/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/30/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2024	ND	201	100	200	0.199	
DRO >C10-C28*	<10.0	10.0	09/28/2024	ND	192	96.1	200	0.295	
EXT DRO >C28-C36	<10.0	10.0	09/28/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1082

Company Name: Tetra Tech Project Manager: Nicholas Paul Address: City: State: Zip: Phone #: Fax #: Project #: 15089 Project Owner: Project Name: while using CTS Project Location: Lea County Sampler Name: Nicholas Paul FOR LAB USE ONLY		BILL TO P.O. #: Company: BTA Attn: Ray Ramos Address: City: State: Zip: Phone #: Fax #: Project #:		ANALYSIS REQUEST	
Lab I.D. H45905 1 AH-1 @ 1' 2 AH-2 @ 1' 3 AH-3 @ 1' 4 AH-4 @ 1' 5 AH-5 @ 1' 6 AH-6 @ 1-2' 7 AH-7 @ 1-2' 8 AH-8 @ 1-2' 9 AH-9 @ 1-2' 10 AH-10 @ 1-2'	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERV SAMPLING	DATE TIME	BTEx TPHC GRO/DRO/ORO chloride 4500	
			9:23:24 10:43		
			10:51		
			11:15		
			11:46		
			11:54		
			12:11		
			12:20		
			12:41		
			12:58		
			1:16		

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for products or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Nicholas Paul Date: 9-23-24 Time: 1444 Received By: [Signature] Date: [Blank] Time: [Blank]	Delivered By: (Circle One) UPS - Bus - Other: Observed Temp. °C 4.9 Corrected Temp. °C 4.3 Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: [Signature] Turnaround Time: Standard Rush <input checked="" type="checkbox"/> Bacteria (only) Sample Condition Thermometer ID #140 <input checked="" type="checkbox"/> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Correction Factor -0.6°C <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Observed Temp. °C Corrected Temp. °C
---	--

Verbal Result: ☐ Yes ☐ No Add'l Phone #:
All Results are emailed. Please provide Email address:
REMARKS:



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2082

[illegible]



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

October 03, 2024

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WHITE WING CTB

Enclosed are the results of analyses for samples received by the laboratory on 10/02/24 15:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	10/02/2024	Sampling Date:	10/02/2024
Reported:	10/03/2024	Sampling Type:	Soil
Project Name:	WHITE WING CTB	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT 15089	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA CO, NEW MEXICO		

Sample ID: SSW - 1 (H245997-01)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.01	100	2.00	4.00		
Toluene*	<0.050	0.050	10/02/2024	ND	2.01	100	2.00	2.25		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	104	2.00	1.22		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.24	104	6.00	1.15		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/03/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2024	ND	187	93.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	10/03/2024	ND	186	92.9	200	3.60	
EXT DRO >C28-C36	<10.0	10.0	10/03/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/02/2024
 Reported: 10/03/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 15089
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 10/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FS - 20 (3.0') (H245997-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.01	100	2.00	4.00		
Toluene*	<0.050	0.050	10/02/2024	ND	2.01	100	2.00	2.25		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	104	2.00	1.22		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.24	104	6.00	1.15		
Total BTEx	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/03/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2024	ND	187	93.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	10/03/2024	ND	186	92.9	200	3.60	
EXT DRO >C28-C36	<10.0	10.0	10/03/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/02/2024
 Reported: 10/03/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 15089
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 10/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FS - 19 (3.0') (H245997-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.01	100	2.00	4.00		
Toluene*	<0.050	0.050	10/02/2024	ND	2.01	100	2.00	2.25		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	104	2.00	1.22		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.24	104	6.00	1.15		
Total BTEX	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/03/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2024	ND	187	93.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	10/03/2024	ND	186	92.9	200	3.60	
EXT DRO >C28-C36	<10.0	10.0	10/03/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/02/2024
 Reported: 10/03/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 15089
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 10/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FS - 18 (3.0') (H245997-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/02/2024	ND	2.01	100	2.00	4.00		
Toluene*	<0.050	0.050	10/02/2024	ND	2.01	100	2.00	2.25		
Ethylbenzene*	<0.050	0.050	10/02/2024	ND	2.09	104	2.00	1.22		
Total Xylenes*	<0.150	0.150	10/02/2024	ND	6.24	104	6.00	1.15		
Total BTEX	<0.300	0.300	10/02/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/03/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2024	ND	187	93.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	10/03/2024	ND	186	92.9	200	3.60	
EXT DRO >C28-C36	<10.0	10.0	10/03/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/02/2024
 Reported: 10/03/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 15089
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 10/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FS - 17 (3.0') (H245997-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2024	ND	1.91	95.7	2.00	5.57		
Toluene*	<0.050	0.050	10/03/2024	ND	1.99	99.7	2.00	4.00		
Ethylbenzene*	<0.050	0.050	10/03/2024	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	10/03/2024	ND	6.03	100	6.00	2.97		
Total BTEX	<0.300	0.300	10/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/03/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2024	ND	187	93.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	10/03/2024	ND	186	92.9	200	3.60	
EXT DRO >C28-C36	<10.0	10.0	10/03/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/02/2024
 Reported: 10/03/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 15089
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 10/02/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: FS - 16 (3.0') (H245997-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2024	ND	1.91	95.7	2.00	5.57		
Toluene*	<0.050	0.050	10/03/2024	ND	1.99	99.7	2.00	4.00		
Ethylbenzene*	<0.050	0.050	10/03/2024	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	10/03/2024	ND	6.03	100	6.00	2.97		
Total BTEX	<0.300	0.300	10/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/03/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2024	ND	187	93.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	10/03/2024	ND	186	92.9	200	3.60	
EXT DRO >C28-C36	<10.0	10.0	10/03/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	10/02/2024	Sampling Date:	10/02/2024
Reported:	10/03/2024	Sampling Type:	Soil
Project Name:	WHITE WING CTB	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT 15089	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA CO, NEW MEXICO		

Sample ID: FS - 15 (2.0') (H245997-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2024	ND	1.91	95.7	2.00	5.57		
Toluene*	<0.050	0.050	10/03/2024	ND	1.99	99.7	2.00	4.00		
Ethylbenzene*	<0.050	0.050	10/03/2024	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	10/03/2024	ND	6.03	100	6.00	2.97		
Total BTEx	<0.300	0.300	10/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/03/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2024	ND	187	93.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	10/03/2024	ND	186	92.9	200	3.60	
EXT DRO >C28-C36	<10.0	10.0	10/03/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	10/02/2024	Sampling Date:	10/02/2024
Reported:	10/03/2024	Sampling Type:	Soil
Project Name:	WHITE WING CTB	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT 15089	Sample Received By:	Alyssa Parras
Project Location:	BTA - LEA CO, NEW MEXICO		

Sample ID: FS - 14 (2.0') (H245997-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2024	ND	1.91	95.7	2.00	5.57		
Toluene*	<0.050	0.050	10/03/2024	ND	1.99	99.7	2.00	4.00		
Ethylbenzene*	<0.050	0.050	10/03/2024	ND	2.02	101	2.00	3.01		
Total Xylenes*	<0.150	0.150	10/03/2024	ND	6.03	100	6.00	2.97		
Total BTEx	<0.300	0.300	10/03/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/03/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/03/2024	ND	187	93.4	200	2.01	
DRO >C10-C28*	<10.0	10.0	10/03/2024	ND	186	92.9	200	3.60	
EXT DRO >C28-C36	<10.0	10.0	10/03/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Custody Record



Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: BTA Oil, LLC Site Manager: Nicholas Poole

Project Name: White Wing CTB 512-560-9064

Project Location: Lea County, NM Project #: Nicholas.Poole@TetraTech.com

Invoice to: 212C-MD-03640 1589

Receiving Laboratory: Attn: Ray Ramos Rramos@btaoil.com

Comments: Cardinal Labs Sampler Signature: Jorge Fernandez

Include : Samantha Allen Samantha.Allen@TetraTech.com Jorge.Fernandez@TetraTech.com

SAMPLE IDENTIFICATION

11:55 AM

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD				# CONTAINERS	FILTERED (Y/N)	ANALYSIS REQUEST (Circle or Specify Method No.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		DATE	TIME	WATER	SOIL	HCL	HNO ₃	ICE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</

Inquired by: [Signature]	Date: 10-2-24	Time: 1578	Received by: [Signature]	Date: 10-3-24	Time: 1537
Inquired by: [Signature]	Date: [Blank]	Time: [Blank]	Received by: [Signature]	Date: [Blank]	Time: [Blank]

ORIGINAL COPY

LAB USE ONLY	REMARKS: Standard TAT
Sample Temperature: 43°C / 110°F	
<input checked="" type="checkbox"/> RUSH: Same Day	
<input type="checkbox"/> Rush Charges Authorized	
<input type="checkbox"/> Special Report Limits or TRRP Report	

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

October 09, 2024

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WHITE WING CTB

Enclosed are the results of analyses for samples received by the laboratory on 10/07/24 13:41.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: WHITE WING CTB
Project Number: INCIDENT 15089
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
09-Oct-24 16:20

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
WSW-4	H246081-01	Soil	07-Oct-24 09:00	07-Oct-24 13:41
ESW-3	H246081-02	Soil	07-Oct-24 09:05	07-Oct-24 13:41
ESW-2	H246081-03	Soil	07-Oct-24 09:10	07-Oct-24 13:41
WSW-3	H246081-04	Soil	07-Oct-24 09:20	07-Oct-24 13:41
WSW-2	H246081-05	Soil	07-Oct-24 09:25	07-Oct-24 13:41
WSW-1	H246081-06	Soil	07-Oct-24 09:30	07-Oct-24 13:41
ESW-1	H246081-07	Soil	07-Oct-24 09:35	07-Oct-24 13:41
FS-12 (2.0')	H246081-08	Soil	07-Oct-24 10:00	07-Oct-24 13:41
FS-2 (2.0')	H246081-09	Soil	07-Oct-24 10:05	07-Oct-24 13:41
NSW-1	H246081-10	Soil	07-Oct-24 10:10	07-Oct-24 13:41

10/09/24 - Client changed sample ID on -08 and -09 (see COC). This is the revised report and will replace the one sent on 10/08/24.

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: WHITE WING CTB
Project Number: INCIDENT 15089
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
09-Oct-24 16:20

WSW-4
H246081-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	4100803	HM	08-Oct-24	4500-Cl-B	
----------	------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4100707	JH	07-Oct-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134 4100707 JH 07-Oct-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	

Surrogate: 1-Chlorooctane 89.4 % 48.2-134 4100717 MS 07-Oct-24 8015B

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148 4100717 MS 07-Oct-24 8015B

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: WHITE WING CTB
Project Number: INCIDENT 15089
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
09-Oct-24 16:20

ESW-3
H246081-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4100803	HM	08-Oct-24	4500-Cl-B	
----------	------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4100707	JH	07-Oct-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5-134		4100707	JH	07-Oct-24	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	

Surrogate: 1-Chlorooctane			93.6 %	48.2-134		4100717	MS	07-Oct-24	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			109 %	49.1-148		4100717	MS	07-Oct-24	8015B	
-------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: WHITE WING CTB
Project Number: INCIDENT 15089
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
09-Oct-24 16:20

ESW-2
H246081-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	112		16.0	mg/kg	4	4100803	HM	08-Oct-24	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4100707	JH	07-Oct-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		4100707	JH	07-Oct-24	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	

Surrogate: 1-Chlorooctane			95.1 %	48.2-134		4100717	MS	07-Oct-24	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			104 %	49.1-148		4100717	MS	07-Oct-24	8015B	
-------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: WHITE WING CTB
Project Number: INCIDENT 15089
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
09-Oct-24 16:20

WSW-3
H246081-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4100803	HM	08-Oct-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4100707	JH	07-Oct-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		4100707	JH	07-Oct-24	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	

Surrogate: 1-Chlorooctane			97.0 %	48.2-134		4100717	MS	07-Oct-24	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			104 %	49.1-148		4100717	MS	07-Oct-24	8015B	
-------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: WHITE WING CTB
Project Number: INCIDENT 15089
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
09-Oct-24 16:20

WSW-2
H246081-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4100803	HM	08-Oct-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4100707	JH	07-Oct-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		4100707	JH	07-Oct-24	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	

Surrogate: 1-Chlorooctane			104 %	48.2-134		4100717	MS	07-Oct-24	8015B	
---------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			107 %	49.1-148		4100717	MS	07-Oct-24	8015B	
-------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: WHITE WING CTB
Project Number: INCIDENT 15089
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
09-Oct-24 16:20

WSW-1
H246081-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4100803	HM	08-Oct-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4100707	JH	07-Oct-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		4100707	JH	07-Oct-24	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	

Surrogate: 1-Chlorooctane			105 %	48.2-134		4100717	MS	07-Oct-24	8015B	
---------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			116 %	49.1-148		4100717	MS	07-Oct-24	8015B	
-------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: WHITE WING CTB
Project Number: INCIDENT 15089
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
09-Oct-24 16:20

ESW-1
H246081-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	4100803	HM	08-Oct-24	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4100707	JH	07-Oct-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		4100707	JH	07-Oct-24	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			101 %	48.2-134		4100717	MS	07-Oct-24	8015B	
----------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			112 %	49.1-148		4100717	MS	07-Oct-24	8015B	
--------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: WHITE WING CTB
Project Number: INCIDENT 15089
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
09-Oct-24 16:20

FS-12 (2.0')
H246081-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	1020		16.0	mg/kg	4	4100803	HM	08-Oct-24	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4100707	JH	07-Oct-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		4100707	JH	07-Oct-24	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	

Surrogate: 1-Chlorooctane			103 %	48.2-134		4100717	MS	07-Oct-24	8015B	
---------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			114 %	49.1-148		4100717	MS	07-Oct-24	8015B	
-------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: WHITE WING CTB
Project Number: INCIDENT 15089
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
09-Oct-24 16:20

FS-2 (2.0')
H246081-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4100803	HM	08-Oct-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4100707	JH	07-Oct-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		4100707	JH	07-Oct-24	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	

Surrogate: 1-Chlorooctane			100 %	48.2-134		4100717	MS	07-Oct-24	8015B	
---------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			109 %	49.1-148		4100717	MS	07-Oct-24	8015B	
-------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: WHITE WING CTB
Project Number: INCIDENT 15089
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
09-Oct-24 16:20

NSW-1**H246081-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
---------	--------	-----	-----------------	-------	----------	-------	---------	----------	--------	-------

Cardinal Laboratories**Inorganic Compounds**

Chloride	<16.0		16.0	mg/kg	4	4100803	HM	08-Oct-24	4500-Cl-B	
----------	-------	--	------	-------	---	---------	----	-----------	-----------	--

Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4100707	JH	07-Oct-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4100707	JH	07-Oct-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		4100707	JH	07-Oct-24	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4100717	MS	07-Oct-24	8015B	

Surrogate: 1-Chlorooctane			106 %	48.2-134		4100717	MS	07-Oct-24	8015B	
---------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			116 %	49.1-148		4100717	MS	07-Oct-24	8015B	
-------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: WHITE WING CTB
Project Number: INCIDENT 15089
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
09-Oct-24 16:20

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD Limit	Notes
Batch 4100803 - 1:4 DI Water								
Blank (4100803-BLK1)				Prepared & Analyzed: 08-Oct-24				
Chloride	ND	16.0	mg/kg					
LCS (4100803-BS1)				Prepared & Analyzed: 08-Oct-24				
Chloride	400	16.0	mg/kg	400	100	80-120		
LCS Dup (4100803-BSD1)				Prepared & Analyzed: 08-Oct-24				
Chloride	448	16.0	mg/kg	400	112	80-120	11.3	20

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: WHITE WING CTB
Project Number: INCIDENT 15089
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
09-Oct-24 16:20

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 4100707 - Volatiles**Blank (4100707-BLK1)**

Prepared & Analyzed: 07-Oct-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0519		mg/kg	0.0500		104	71.5-134			

LCS (4100707-BS1)

Prepared & Analyzed: 07-Oct-24

Benzene	2.06	0.050	mg/kg	2.00		103	82.8-130			
Toluene	1.98	0.050	mg/kg	2.00		98.9	86-128			
Ethylbenzene	2.01	0.050	mg/kg	2.00		100	85.9-128			
m,p-Xylene	4.02	0.100	mg/kg	4.00		101	89-129			
o-Xylene	1.97	0.050	mg/kg	2.00		98.6	86.1-125			
Total Xylenes	5.99	0.150	mg/kg	6.00		99.9	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0520		mg/kg	0.0500		104	71.5-134			

LCS Dup (4100707-BSD1)

Prepared & Analyzed: 07-Oct-24

Benzene	2.18	0.050	mg/kg	2.00		109	82.8-130	5.47	15.8	
Toluene	2.09	0.050	mg/kg	2.00		104	86-128	5.45	15.9	
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	85.9-128	5.56	16	
m,p-Xylene	4.25	0.100	mg/kg	4.00		106	89-129	5.52	16.2	
o-Xylene	2.08	0.050	mg/kg	2.00		104	86.1-125	5.35	16.7	
Total Xylenes	6.33	0.150	mg/kg	6.00		106	88.2-128	5.46	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0515		mg/kg	0.0500		103	71.5-134			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
901 WEST WALL STREET , STE 100
MIDLAND TX, 79701

Project: WHITE WING CTB
Project Number: INCIDENT 15089
Project Manager: NICHOLAS POOLE
Fax To: (432) 682-3946

Reported:
09-Oct-24 16:20

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 4100717 - General Prep - Organics**Blank (4100717-BLK1)**

Prepared & Analyzed: 07-Oct-24

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	42.7		mg/kg	50.0		85.5	48.2-134			
Surrogate: 1-Chlorooctadecane	47.2		mg/kg	50.0		94.4	49.1-148			

LCS (4100717-BS1)

Prepared & Analyzed: 07-Oct-24

GRO C6-C10	190	10.0	mg/kg	200		94.8	66.4-123			
DRO >C10-C28	188	10.0	mg/kg	200		94.1	66.5-118			
Total TPH C6-C28	378	10.0	mg/kg	400		94.5	77.6-123			
Surrogate: 1-Chlorooctane	47.5		mg/kg	50.0		94.9	48.2-134			
Surrogate: 1-Chlorooctadecane	49.0		mg/kg	50.0		98.0	49.1-148			

LCS Dup (4100717-BS1)

Prepared & Analyzed: 07-Oct-24

GRO C6-C10	186	10.0	mg/kg	200		93.1	66.4-123	1.85	17.7	
DRO >C10-C28	183	10.0	mg/kg	200		91.3	66.5-118	2.97	21	
Total TPH C6-C28	369	10.0	mg/kg	400		92.2	77.6-123	2.41	18.5	
Surrogate: 1-Chlorooctane	47.4		mg/kg	50.0		94.8	48.2-134			
Surrogate: 1-Chlorooctadecane	49.8		mg/kg	50.0		99.5	49.1-148			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

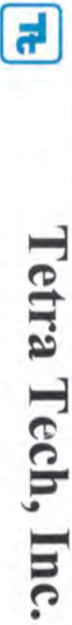
*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



901 W. Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: BTA Oil, LLC

Site Manager: Nicholas Poole

Project Name: White Wing CTB

512-560-9064
Nicholas.Poole@Tetrattech.com

Project Location: Lea County, NM

Invoice to: Attn: Ray Ramos Rramos@btaoil.com

Receiving Laboratory: Cardinal Labs

Comments: Include : Samantha Allen Samantha.Allen@Tetrattech.com

Jorge.Fernandez@tetrattech.com

LAB # H24008 (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)	ANALYSIS REQUEST (Circle or Specify Method No.)																
		YEAR 2023	DATE	TIME	WATER	SOIL	HCL																		HNO ₃	ICE
										BTEX 8021B BT																
										TPH TX1005 (Ext to																
										TPH 8015M (GRO																
										PAH 8270C																
										Total Metals Ag As B																
										TCLP Metals Ag As B																
										TCLP Volatiles																
										TCLP Semi Volatiles																
										RCI																
										GC/MS Vol. 8260B																
										GC/MS Semi. Vol. 8																
										PCB's 8082 / 608																
										NORM																
										PLM (Asbestos)																
										Chloride																
										Chloride Sulfate																
										General Water Che																
										Anion/Cation Balan																
										Hold																

1	WSW-4		10-7-24	900	X			X				X	X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
---	-------	--	---------	-----	---	--	--	---	--	--	--	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

LAB USE ONLY

REMARKS: Standard TAT

☒ RUSH Same Day 24 hr 48 hr 72 hr

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

Sample Temperature 53.6°C / 128.5°F

(Circle) HAND DELIVERED FEDEX UPS Tracking #



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

October 14, 2024

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: WHITE WING CTB

Enclosed are the results of analyses for samples received by the laboratory on 10/11/24 11:04.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	10/11/2024	Sampling Date:	10/10/2024
Reported:	10/14/2024	Sampling Type:	Soil
Project Name:	WHITE WING CTB	Sampling Condition:	Cool & Intact
Project Number:	INCIDENT 1589	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - LEA CO, NEW MEXICO		

Sample ID: FS - 1 (3.0') (H246205-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	10/14/2024	ND	2.21	110	2.00	2.93		
Ethylbenzene*	<0.050	0.050	10/14/2024	ND	2.23	112	2.00	4.30		
Total Xylenes*	<0.150	0.150	10/14/2024	ND	6.84	114	6.00	3.43		
Total BTEX	<0.300	0.300	10/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/14/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2024	ND	175	87.7	200	1.30	
DRO >C10-C28*	<10.0	10.0	10/11/2024	ND	178	88.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	10/11/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2024
 Reported: 10/14/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 1589
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 10/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 3 (3.0') (H246205-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	10/14/2024	ND	2.21	110	2.00	2.93		
Ethylbenzene*	<0.050	0.050	10/14/2024	ND	2.23	112	2.00	4.30		
Total Xylenes*	<0.150	0.150	10/14/2024	ND	6.84	114	6.00	3.43		
Total BTEX	<0.300	0.300	10/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/14/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2024	ND	175	87.7	200	1.30	
DRO >C10-C28*	<10.0	10.0	10/11/2024	ND	178	88.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	10/11/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2024
 Reported: 10/14/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 1589
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 10/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 4 (3.0') (H246205-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	10/14/2024	ND	2.21	110	2.00	2.93		
Ethylbenzene*	<0.050	0.050	10/14/2024	ND	2.23	112	2.00	4.30		
Total Xylenes*	<0.150	0.150	10/14/2024	ND	6.84	114	6.00	3.43		
Total BTEX	<0.300	0.300	10/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/14/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2024	ND	175	87.7	200	1.30	
DRO >C10-C28*	<10.0	10.0	10/11/2024	ND	178	88.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	10/11/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2024
 Reported: 10/14/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 1589
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 10/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 5 (3.0') (H246205-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	10/14/2024	ND	2.21	110	2.00	2.93		
Ethylbenzene*	<0.050	0.050	10/14/2024	ND	2.23	112	2.00	4.30		
Total Xylenes*	<0.150	0.150	10/14/2024	ND	6.84	114	6.00	3.43		
Total BTEX	<0.300	0.300	10/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/14/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2024	ND	175	87.7	200	1.30	
DRO >C10-C28*	<10.0	10.0	10/11/2024	ND	178	88.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	10/11/2024	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2024
 Reported: 10/14/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 1589
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 10/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 6 (3.0') (H246205-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	10/14/2024	ND	2.21	110	2.00	2.93		
Ethylbenzene*	<0.050	0.050	10/14/2024	ND	2.23	112	2.00	4.30		
Total Xylenes*	<0.150	0.150	10/14/2024	ND	6.84	114	6.00	3.43		
Total BTEx	<0.300	0.300	10/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/14/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2024	ND	175	87.7	200	1.30	
DRO >C10-C28*	<10.0	10.0	10/11/2024	ND	178	88.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	10/11/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2024
 Reported: 10/14/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 1589
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 10/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 7 (3.0') (H246205-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2024	ND	2.08	104	2.00	2.50		
Toluene*	<0.050	0.050	10/14/2024	ND	2.21	110	2.00	2.93		
Ethylbenzene*	<0.050	0.050	10/14/2024	ND	2.23	112	2.00	4.30		
Total Xylenes*	<0.150	0.150	10/14/2024	ND	6.84	114	6.00	3.43		
Total BTEX	<0.300	0.300	10/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/14/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/12/2024	ND	175	87.7	200	1.30	
DRO >C10-C28*	<10.0	10.0	10/12/2024	ND	178	88.9	200	1.50	
EXT DRO >C28-C36	<10.0	10.0	10/12/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2024
 Reported: 10/14/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 1589
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 10/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 8 (3.0') (H246205-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2024	ND	1.92	96.0	2.00	3.60		
Toluene*	<0.050	0.050	10/14/2024	ND	1.97	98.6	2.00	2.64		
Ethylbenzene*	<0.050	0.050	10/14/2024	ND	2.00	99.9	2.00	3.04		
Total Xylenes*	<0.150	0.150	10/14/2024	ND	5.95	99.2	6.00	2.73		
Total BTEX	<0.300	0.300	10/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/14/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2024	ND	184	92.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	10/11/2024	ND	179	89.4	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	10/11/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2024
 Reported: 10/14/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 1589
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 10/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 9 (3.0') (H246205-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/14/2024	ND	1.92	96.0	2.00	3.60	
Toluene*	<0.050	0.050	10/14/2024	ND	1.97	98.6	2.00	2.64	
Ethylbenzene*	<0.050	0.050	10/14/2024	ND	2.00	99.9	2.00	3.04	
Total Xylenes*	<0.150	0.150	10/14/2024	ND	5.95	99.2	6.00	2.73	
Total BTEX	<0.300	0.300	10/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/14/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2024	ND	184	92.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	10/11/2024	ND	179	89.4	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	10/11/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2024
 Reported: 10/14/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 1589
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 10/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 10 (3.0') (H246205-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2024	ND	1.92	96.0	2.00	3.60		
Toluene*	<0.050	0.050	10/14/2024	ND	1.97	98.6	2.00	2.64		
Ethylbenzene*	<0.050	0.050	10/14/2024	ND	2.00	99.9	2.00	3.04		
Total Xylenes*	<0.150	0.150	10/14/2024	ND	5.95	99.2	6.00	2.73		
Total BTEX	<0.300	0.300	10/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	10/14/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2024	ND	184	92.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	10/11/2024	ND	179	89.4	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	10/11/2024	ND					

Surrogate: 1-Chlorooctane 126 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2024
 Reported: 10/14/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 1589
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 10/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 11 (3.0') (H246205-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2024	ND	1.92	96.0	2.00	3.60		
Toluene*	<0.050	0.050	10/14/2024	ND	1.97	98.6	2.00	2.64		
Ethylbenzene*	<0.050	0.050	10/14/2024	ND	2.00	99.9	2.00	3.04		
Total Xylenes*	<0.150	0.150	10/14/2024	ND	5.95	99.2	6.00	2.73		
Total BTEX	<0.300	0.300	10/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/14/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2024	ND	184	92.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	10/11/2024	ND	179	89.4	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	10/11/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2024
 Reported: 10/14/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 1589
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 10/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 12 (3.0') (H246205-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2024	ND	1.92	96.0	2.00	3.60		
Toluene*	<0.050	0.050	10/14/2024	ND	1.97	98.6	2.00	2.64		
Ethylbenzene*	<0.050	0.050	10/14/2024	ND	2.00	99.9	2.00	3.04		
Total Xylenes*	<0.150	0.150	10/14/2024	ND	5.95	99.2	6.00	2.73		
Total BTEX	<0.300	0.300	10/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/14/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2024	ND	184	92.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	10/11/2024	ND	179	89.4	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	10/11/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 NICHOLAS POOLE
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received: 10/11/2024
 Reported: 10/14/2024
 Project Name: WHITE WING CTB
 Project Number: INCIDENT 1589
 Project Location: BTA - LEA CO, NEW MEXICO

Sampling Date: 10/10/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: FS - 13 (3.0') (H246205-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/14/2024	ND	1.92	96.0	2.00	3.60		
Toluene*	<0.050	0.050	10/14/2024	ND	1.97	98.6	2.00	2.64		
Ethylbenzene*	<0.050	0.050	10/14/2024	ND	2.00	99.9	2.00	3.04		
Total Xylenes*	<0.150	0.150	10/14/2024	ND	5.95	99.2	6.00	2.73		
Total BTEX	<0.300	0.300	10/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/14/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2024	ND	184	92.1	200	2.54	
DRO >C10-C28*	<10.0	10.0	10/11/2024	ND	179	89.4	200	2.95	
EXT DRO >C28-C36	<10.0	10.0	10/11/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "C. D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W. Wall Street, Ste. 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: BTA Oil, LLC Site Manager: Nicholas Poole

Project Name: White Wing CTB 512-560-9064
Nicholas.Poole@Tetrattech.com

Project Location: Lea County, NM Project #: 1589

Invoice to: Attn: Ray Ramos Ramos@btaoil.com

Receiving Laboratory: Cardinal Labs Sampler Signature: Jorge Fernandez

Comments: Include : Samantha Allen Samantha.Allen@Tetrattech.com Jorge.Fernandez@Tetrattech.com

LAB # (LAB USE ONLY)	SAMPLE IDENTIFICATION	SAMPLING		WATER	SOIL	HCL	HNO ₃	ICE	# CONTAINERS	FILTERED (Y/N)	ANALYSIS REQUEST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		DATE	TIME								BTEX 8021B	TPH TX1005 (Ext)	TPH 8015M (GR)	PAH 8270C	Total Metals Ag A	TCLP Metals Ag A	TCLP Volatiles	TCLP Semi Volatiles	RCI	GC/MS Vol. 8260	GC/MS Semi. Vol	PCB's 8082 / 608	NORM	PLM (Asbestos)	Chloride	Chloride Sulfate	General Water C	Anion/Cation Ba																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
																													YEAR 2023																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
1	FS-1 (3.0')	10/10/2024	1400	X				X			X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															</

Relinquished by: <i>[Signature]</i>	Date: 10-10-24 Time: 2000	Received by: <i>[Signature]</i>	Date: 10-11-24 Time: 0830
Relinquished by: <i>[Signature]</i>	Date: 10-11-24 Time: 1104	Received by: <i>[Signature]</i>	Date: 10-11-24 Time: 1104

LAB USE ONLY	REMARKS: Standard TAT
<input checked="" type="checkbox"/> RUSH: Same Day (24 hr / 48 hr / 72 hr)	
<input type="checkbox"/> Rush Charges Authorized	
<input type="checkbox"/> Special Report Limits or TRRP Report	

ORIGINAL COPY

Analysis Request of Chain of Custody Record



Tetra Tech, Inc.

901 W Wall Street, Ste 100
Midland, Texas 79701
Tel (432) 682-4559
Fax (432) 682-3946

Client Name: BTA Oil, LLC

Site Manager: Nicholas Poole

512-560-9064

Project Name: White Wing CTB

Nicholas.Poole@Tetrattech.com

Project Location: Lea County, NM

Project #:

1589

Invoice to:

Attn: Ray Ramos Ramos@btaoil.com

Sampler Signature:

Jorge Fernandez

Receiving Laboratory: Cardinal Labs

Comments:

Include : Samantha Allen Samantha.Allen@Tetrattech.com

Jorge.Fernandez@Tetrattech.com

SAMPLE IDENTIFICATION

LAB #
LAB USE ONLY

YEAR 2023	SAMPLING		MATRIX		PRESERVATIVE METHOD		# CONTAINERS	FILTERED (Y/N)
	DATE	TIME	WATER	SOIL	HCL	HNO ₃		

11 FS-12 (3.0')

12 FS-13 (3.0')

10/10/2024 1450

10/10/2024 1455

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

Hold

ANALYSIS REQUEST
(Circle or Specify Method No.)

BTEX 8021B	BTEX 8260B
TPH TX1005 (Ext to C35)	
TPH 8015M (GRO - DRO - ORO - MRO)	
PAH 8270C	
Total Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Metals Ag As Ba Cd Cr Pb Se Hg	
TCLP Volatiles	
TCLP Semi Volatiles	
RCI	
GC/MS Vol. 8260B / 624	
GC/MS Semi. Vol. 8270C/625	
PCB's 8082 / 608	
NORM	
PLM (Asbestos)	
Chloride	
Chloride Sulfate TDS	
General Water Chemistry (see attached list)	
Anion/Cation Balance	

Relinquished by:

Date: 10-10-24 Time: 2000

Relinquished by:

Date: 10-10-24 Time: 1104

Relinquished by:

Date: 10-11-24 Time: 1104

Received by: *Stefan* Date: 10-11-24 Time: 1104

Received by: *Stefan* Date: 10-11-24 Time: 1104

Received by: *Stefan* Date: 10-11-24 Time: 1104

LAB USE ONLY

REMARKS: Standard TAT

Sample Temperature

☒ RUSH: Same Day 24 hr 48 hr 72 hr

0.0: #140

☐ Rush Charges Authorized

☐ Special Report Limits or TRRP Report

ORIGINAL COPY



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

June 25, 2024

SAM ABBOTT

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: BEVO 11 FEDERAL #004H FLOWLINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/24/24 16:02.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

TETRA TECH
 SAM ABBOTT
 901 WEST WALL STREET , STE 100
 MIDLAND TX, 79701
 Fax To: (432) 682-3946

Received:	06/24/2024	Sampling Date:	06/24/2024
Reported:	06/25/2024	Sampling Type:	Soil
Project Name:	BEVO 11 FEDERAL #004H FLOWLINE RE	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 03446	Sample Received By:	Alyssa Parras
Project Location:	LEA COUNTY, NEW MEXICO		

Sample ID: BACKFILL-COMPOSITE (H243746-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2024	ND	1.86	93.2	2.00	11.5		
Toluene*	<0.050	0.050	06/24/2024	ND	1.83	91.3	2.00	5.68		
Ethylbenzene*	<0.050	0.050	06/24/2024	ND	1.86	92.9	2.00	2.59		
Total Xylenes*	<0.150	0.150	06/24/2024	ND	5.44	90.7	6.00	2.28		
Total BTEX	<0.300	0.300	06/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/25/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2024	ND	203	101	200	0.158	
DRO >C10-C28*	<10.0	10.0	06/24/2024	ND	184	92.0	200	1.25	
EXT DRO >C28-C36	<10.0	10.0	06/24/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



ch

FORM-006 R 3.2 10/07/21

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com

APPENDIX E

Regulatory Correspondence

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

QUESTIONS

Action 388220

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 388220
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426443293
Incident Name	NAPP2426443293 WHITE WING CTB @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	White Wing CTB
Date Release Discovered	09/18/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	4,000
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/02/2024
Time sampling will commence	12:00 PM
Please provide any information necessary for observers to contact samplers	approximately 4,000 square feet will be excavated to a maximum 3 ft bgs. 20 confirmation composite samples are proposed to be collected. Confirmation samples will be representative of no more than 200 square feet of excavated area per 19.15.29.12 D (1) (c). Upon completion of the proposed work, a final closure report detailing the remediation activities and the results of the confirmation sampling will be submitted to NMOCD.
Please provide any information necessary for navigation to sampling site	FROM THE INTERSECTION OF DELAWARE BASIN RD AND COUNTY RD 2-A, TRAVEL NORTH ON DELAWARE BASIN RD FOR APPROXIMATELY 3.04 MILES. TURN RIGHT AND CONTINUE EAST ON UNNAMED LEASE RD FOR APPROXIMATELY 2250 FT. CONTINUE NORTHWEST 220 FT ONTO MESA B #2H LEASE PAD. CONTINUE WEST APPROXIMATELY 465 FT TO ARRIVE AT GPS 32.310690, -103.501973, ON EAST SIDE OF TANK BATTERY.

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 388220

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 388220
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
nicholas poole	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	9/30/2024

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

QUESTIONS

Action 389655

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 389655
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426443293
Incident Name	NAPP2426443293 WHITE WING CTB @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	White Wing CTB
Date Release Discovered	09/18/2024
Surface Owner	Private

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	4,000
What is the estimated number of samples that will be gathered	15
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/07/2024
Time sampling will commence	03:00 PM
Please provide any information necessary for observers to contact samplers	remediation is ongoing at the site. not all confirmation samples were able to be collected under previously submitted C-141N. Remaining samples to be collected on Monday October 7, if any samples remain to be collected after Monday, a variance will be requested to collect additional remaining samples on Tuesday October 8. approximately 4,000 square feet will be excavated to a maximum 3 ft bgs. 20 confirmation composite samples are proposed to be collected. Confirmation samples will be representative of no more than 200 square feet of excavated area per 19.15.29.12 D (1) (c). Upon completion of the proposed work, a final closure
Please provide any information necessary for navigation to sampling site	FROM THE INTERSECTION OF DELAWARE BASIN RD AND COUNTY RD 2-A, TRAVEL NORTH ON DELAWARE BASIN RD FOR APPROXIMATELY 3.04 MILES. TURN RIGHT AND CONTINUE EAST ON UNNAMED LEASE RD FOR APPROXIMATELY 2250 FT. CONTINUE NORTHWEST 220 FT ONTO MESA B #2H LEASE PAD. CONTINUE WEST APPROXIMATELY 465 FT TO ARRIVE AT GPS 32.310690, -103.501973, ON EAST SIDE OF TANK BATTERY.

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 389655

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 389655
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
nicholas poole	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	10/3/2024

APPENDIX F

Waste Manifests



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATOR

NO. HW- 703133

Generator Manifest # _____
Generator Name BTA
Address _____
City, State, Zip _____
Phone No. _____

Location of Origin
Lease/Well
Name & No. White Wing CBT Release
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

		NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Muds	_____	Washout Water (Non-Injectable)	_____	<u>Dump Truck</u>	
Oil Based Cuttings	_____	Completion Fluid/Flow Back (Non-Injectable)	_____		
Water Based Muds	_____	Produced Water (Non-Injectable)	_____		
Water Based Cuttings	_____	Gathering Line Water/Waste (Non-Injectable)	_____		
Produced Formation Solids	_____	INTERNAL USE ONLY		TOP SOIL & CALICHE SALES	
Tank Bottoms	_____	Truck Washout (exempt waste)	YES NO	QUANTITY	TOP SOIL CALICHE
E&P Contaminated Soil	_____				
Gas Plant Waste	_____				

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 15 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- ☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- ☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)
- ☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNabb Partners
Address _____
Phone No. _____
Transporter Ticket # _____

Driver's Name Victoria Heredia
Print Name _____
Phone No. _____
Truck No. M35

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY**RECEIVING AREA**Name/No. 28

Site Name/
Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BLS Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name KRMPhone No. 214-15089**GENERATOR**NO. HW-705593Generator Manifest # BTH

Location of Origin

Lease/Well

Name & No. 11227 CBT/KS/ASB

County

API No.

Rig Name & No.

AFE/PO No.

Generator Name

Address

City, State, Zip

Phone No. 214-15089**EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)**

Oil Based Muds		NON-INJECTABLE WATERS Washout Water (Non-Injectable) _____ Completion Fluid/Flow Back (Non-Injectable) _____ Produced Water (Non-Injectable) _____ Gathering Line Water/Waste (Non-Injectable) _____	OTHER EXEMPT E&P WASTE STREAMS	
Oil Based Cuttings				
Water Based Muds				
Water Based Cuttings				
Produced Formation Solids				
Tank Bottoms		INTERNAL USE ONLY Truck Washout (exempt waste) YES _____ NO _____	TOP SOIL & CALICHE SALES	
E&P Contaminated Soil			QUANTITY	TOP SOIL
Gas Plant Waste				

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY 15 B - BARRELS L - LIQUID Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTERTransporter's Name McMURRY Pmt.Driver's Name 209L

Address

Print Name

Phone No.

Phone No.

Transporter Ticket #

Truck No. 1137

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE 9-27-24

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY**RECEIVING AREA**Name/No. 28Site Name/
Permit No.**Halfway Facility / NM1-006**

Phone No.

575-392-6368

Address

6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

NORM READINGS TAKEN? (Circle One)

YES

NO

If YES, was reading > 50 micro roentgens? (Circle One)

YES

NO

PASS THE PAINT FILTER TEST? (Circle One)

YES

NO

TANK BOTTOMS

Feet

Inches

1st Gauge

2nd Gauge

Received

BS&W/BBLs Received

Free Water

Total Received

BS&W (%)

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Company Main Contact Information

Name KayPhone No. Ramos

GENERATOR

NO. HW- 703379

Generator Manifest # _____

Generator Name B TIA

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin

Lease/Well

Name & No. White Wing CBTCounty Rease

API No. _____

Rig Name & No. Incident #: 15089

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	Washout Water (Non-Injectable)	<u>Damp</u>
Water Based Muds	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings	Produced Water (Non-Injectable)	
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	Truck Washout (exempt waste)	YES <u>NO</u> QUANTITY TOP SOIL CALICHE
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 15 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Rosa H

Print Name _____

Phone No. _____

Truck No. M33

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 28

Site Name/

Permit No.

Address

Halfway Facility / NM1-0066601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No.

575-392-6368

NORM READINGS TAKEN? (Circle One)

YES

NO

PASS THE PAINT FILTER TEST? (Circle One)

YES

NO

If YES, was reading > 50 micro roentgens? (Circle One)

YES

NO

TANK BOTTOMS

Feet

Inches

1st Gauge	
2nd Gauge	
Received	

BS&W/BBLs Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name Kay

Phone No. Ramos

GENERATOR

NO. HW- 703380

Generator Manifest # _____

Generator Name BTA

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin _____

Lease/Well _____

Name & No. White Wrog CBT

County _____

API No. _____

Rig Name & No. 15087

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT E&P WASTE STREAMS	_____
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____		
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____		
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____		
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____		
Tank Bottoms	_____	INTERNAL USE ONLY	_____	TOP SOIL & CALICHE SALES	_____
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES _____ NO _____	QUANTITY	TOP SOIL CALICHE
Gas Plant Waste	_____				

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 15 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McHabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Rosa H

Print Name _____

Phone No. _____

Truck No. m33

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. _____

Site Name/ Halfway Facility / NM1-006

Permit No. _____

Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W/BBLS Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

REQUIRED INFORMATION

Company Manifest Page 124 of 154

Name Ray Ramos

Phone No.

GENERATOR

NO. HW- 706345

Generator Manifest #

Generator Name BTA

Address

City, State, Zip

Phone No.

Location of Origin

Lease/Well

Name & No. White Wing CBT

County

API No.

Rig Name & No.

AFE/PO No.

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds

Oil Based Cuttings

Water Based Muds

Water Based Cuttings

Produced Formation Solids

Tank Bottoms

E&P Contaminated Soil

Gas Plant Waste

NON-INJECTABLE WATERS

Washout Water (Non-Injectable)

Completion Fluid/Flow Back (Non-Injectable)

Produced Water (Non-Injectable)

Gathering Line Water/Waste (Non-Injectable)

INTERNAL USE ONLY

Truck Washout (exempt waste)

YES

NO

OTHER EXEMPT E&P WASTE STREAMS

Dump Truck

TOP SOIL & CALICHE SALES

QUANTITY

TOP SOIL

CALICHE

WASTE GENERATION PROCESS:



DRILLING



COMPLETION



PRODUCTION



GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other

*please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY

B - BARRELS

L - LIQUID

Y - YARDS 15

E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's

Name McNabb Partners

Address

Phone No.

Transporter Ticket #

Driver's Name Victoria Heredia

Print Name

Phone No.

Truck No. 1435

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN:

OUT:

DISPOSAL FACILITY

RECEIVING AREA

Name/No.

Site Name/

Permit No.

Address

Halfway Facility / NM1-006

6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No.

575-392-6368

NORM READINGS TAKEN? (Circle One)

YES

NO

If YES, was reading > 50 micro roentgens? (Circle One)

YES

NO

PASS THE PAINT FILTER TEST? (Circle One)

YES

NO

TANK BOTTOMS

1st Gauge

2nd Gauge

Received

Feet

Inches

BS&W/BBLs Received

Free Water

Total Received

BS&W (%)

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name Ray Karmico

Phone No. _____

GENERATOR

NO. HW- 706349

Generator Manifest # _____

Generator Name BTA

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin _____

Lease/Well Name & No. White Wing CBT Release

County _____

API No. _____

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	Washout Water (Non-Injectable)	<u>Dump Truck</u>
Water Based Muds	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings	Produced Water (Non-Injectable)	
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	Truck Washout (exempt waste)	YES NO QUANTITY TOP SOIL CALICHE
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 15 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- ☐ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- ☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)
- ☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Victoria Heredia

Print Name _____

Phone No. _____

Truck No. M35

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: 1:30pm OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Pad 3

Site Name/

Permit No. Halfway Facility / NM1-006 R360 A.DAddress 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-392-6368NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NOIf YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received	BS&W (%)
Free Water	
Total Received	

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name

Ray Ramos

Phone No.

GENERATOR

NO. HW- 706348

Generator Manifest # _____

Generator Name BTA

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin

Lease/Well

Name & No. White Wing CBT Release

County _____

API No. _____

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	Washout Water (Non-Injectable)	<u>Dump Truck</u>
Water Based Muds	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings	Produced Water (Non-Injectable)	
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	Truck Washout (exempt waste)	YES NO QUANTITY TOP SOIL CALICHE
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 15 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name

Print Name

Phone No.

Truck No. 1135

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: 11:28 AM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Pad 3

Site Name/

Permit No.

Address

Halfway Facility / NM1-0066601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No.

575-392-6368NORM READINGS TAKEN? (Circle One) YES NOPASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches	BS&W/BBLs Received	BS&W (%)
1st Gauge				
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name

Phone No.

Ray Ramos

GENERATOR

NO. HW- 705129

Generator Manifest # _____

Generator Name BTA

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin _____

Lease/Well _____

Name & No. White Wing CBT Release

County _____

API No. _____

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS			OTHER EXEMPT E&P WASTE STREAMS			
Oil Based Cuttings	_____	Washout Water (Non-Injectable)			Dump Truck			
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)						
Water Based Cuttings	_____	Produced Water (Non-Injectable)						
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)						
Tank Bottoms	_____	INTERNAL USE ONLY			TOP SOIL & CALICHE SALES			
E&P Contaminated Soil	_____ ✓	Truck Washout (exempt waste)	YES	NO	QUANTITY		TOP SOIL	CALICHE
Gas Plant Waste	_____							

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 15 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Victoria Heredia

Print Name _____

Phone No. _____

Truck No. 1135

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: 10:13 AM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Pad 3Site Name/ Halfway Facility / NM1-006Permit No. R360 H.D.Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-392-6368NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NOIf YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

Feet

Inches

1st Gauge	
2nd Gauge	
Received	

BS&W/BBLs Received		BS&W (%)
Free Water		
Total Received		

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name Ray Ramis

Phone No. _____

GENERATORNO. HW- 705120

Generator Manifest # _____

Generator Name BTA

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin _____

Lease/Well _____

Name & No. White Wing CBT Release

County _____

API No. _____

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Muds	_____	<u>Dump Truck</u>
Oil Based Cuttings	_____	
Water Based Muds	_____	
Water Based Cuttings	_____	
Produced Formation Solids	_____	
Tank Bottoms	_____	
E&P Contaminated Soil	<input checked="" type="checkbox"/>	
Gas Plant Waste	_____	
INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
Truck Washout (exempt waste)	YES _____ NO _____	QUANTITY _____ TOP SOIL _____ CALICHE _____

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 15 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- ☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- ☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)
- ☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTERTransporter's Name McNabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Victoria Heredia

Print Name _____

Phone No. _____

Truck No. M35

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMPIN: 9:02 AM OUT: _____**DISPOSAL FACILITY****RECEIVING AREA**Name/No. Pac3Site Name/ Halfway Facility / NM1-006Permit No. R360ADAddress 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-392-6368NORM READINGS TAKEN? (Circle One) YES ☒ NO ☐
PASS THE PAINT FILTER TEST? (Circle One) YES ☐ NO ☐If YES, was reading > 50 micro roentgens? (Circle One) YES ☐ NO ☐**TANK BOTTOMS**

	Feet	Inches	BS&W/BBLs Received	BS&W (%)
1st Gauge	_____	_____	_____	_____
2nd Gauge	_____	_____	Free Water	_____
Received	_____	_____	Total Received	_____

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name Ray Ramos

Phone No. _____

GENERATORNO. HW- 703390

Generator Manifest # _____

Generator Name BTA

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin _____

Lease/Well _____

Name & No. White Wing CBT

County _____

API No. Incident # 15089

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT E&P WASTE STREAMS	_____
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____		
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____		
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____		
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____		
Tank Bottoms	_____				
E&P Contaminated Soil	_____	INTERNAL USE ONLY	_____	TOP SOIL & CALICHE SALES	_____
Gas Plant Waste	_____	Truck Washout (exempt waste)	YES NO	QUANTITY	TOP SOIL CALICHE

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 15 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTERTransporter's Name McNabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Manuel Lopez

Print Name _____

Phone No. _____

Truck No. 1139

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMPIN: 1:40 PM OUT: _____**DISPOSAL FACILITY****RECEIVING AREA**Name/No. Pad 3Site Name/ Halfway Facility / NM1-006Permit No. R360A1DAddress 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-392-6368NORM READINGS TAKEN? (Circle One) YES NOIf YES, was reading > 50 micro roentgens? (Circle One) YES NOPASS THE PAINT FILTER TEST? (Circle One) YES NO**TANK BOTTOMS**

1st Gauge	Feet	Inches
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)
Free Water		
Total Received		

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name Roy Powers

Phone No. _____

GENERATOR

NO. HW- 703397

Generator Manifest # _____

Generator Name BTA

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin _____

Lease/Well _____

Name & No. White King CBT

County _____

API No. Incident # 15089

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Muds	_____	<u>Dump Truck</u>
Oil Based Cuttings	_____	
Water Based Muds	_____	
Water Based Cuttings	_____	
Produced Formation Solids	_____	
Tank Bottoms	_____	
E&P Contaminated Soil	_____	
Gas Plant Waste	_____	
INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
Truck Washout (exempt waste) YES NO		QUANTITY TOP SOIL CALICHE

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 15 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- ☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- ☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)
- ☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Manuel Lopez

Print Name _____

Phone No. _____

Truck No. 1130

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: 11:34 AM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. PodsSite Name/ Halfway Facility / NM1-006Permit No. R360 H.DAddress 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-392-6368NORM READINGS TAKEN? (Circle One) YES NOPASS THE PAINT FILTER TEST? (Circle One) YES NOIf YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BLS Received	BS&W (%)
Free Water	_____
Total Received	_____

I hereby certify that the above load material has been (circle one): ACCEPTED 10/3/24 Receiver If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name Ray Ramos

Phone No. _____

GENERATORNO. HW- 705131

Generator Manifest # _____

Generator Name BTA

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin _____

Lease/Well _____

Name & No. White Wing CBT

County _____

API No. Incident # 15089

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Muds	_____	<u>Dump Truck</u>
Oil Based Cuttings	_____	
Water Based Muds	_____	
Water Based Cuttings	_____	
Produced Formation Solids	_____	
Tank Bottoms	_____	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	_____	
Gas Plant Waste	_____	Truck Washout (exempt waste) YES NO QUANTITY TOP SOIL CALICHE

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 15 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTERTransporter's Name McNabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Manuel Lopez

Print Name _____

Phone No. _____

Truck No. 1139

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMPIN: 10-19-24 OUT: _____**DISPOSAL FACILITY****RECEIVING AREA**Name/No. 1023Site Name/ Permit No. Halfway Facility / NM1-006 R360A-DAddress 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-392-6368NORM READINGS TAKEN? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BLS Received	BS&W (%)
Free Water	_____
Total Received	_____

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name Ray Raras

Phone No. _____

GENERATORNO. HW- 705130

Generator Manifest # _____

Generator Name White Wing CBT BTA

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin

Lease/Well

Name & No. White Wing CBT

County

API No. Incident # 15089

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Muds	_____	<u>Drum Truck</u>
Oil Based Cuttings	_____	
Water Based Muds	_____	
Water Based Cuttings	_____	
Produced Formation Solids	_____	
Tank Bottoms	_____	
E&P Contaminated Soil	_____	
Gas Plant Waste	_____	
INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
Truck Washout (exempt waste) YES _____ NO _____		QUANTITY _____ TOP SOIL _____ CALICHE _____

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 15 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTERTransporter's Name McNabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Manuel Lopez

Print Name _____

Phone No. _____

Truck No. 1739

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE 10-3-24

DRIVER'S SIGNATURE

TRUCK TIME STAMPIN: 9:08 AM OUT: _____**DISPOSAL FACILITY****RECEIVING AREA**Name/No. Pad 3

Site Name/

Permit No. Halfway Facility / NM1-006Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One)

YES

NO

If YES, was reading > 50 micro roentgens? (Circle One)

YES

NO

PASS THE PAINT FILTER TEST? (Circle One)

YES

NO

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLs Received	BS&W (%)
Free Water	_____
Total Received	_____

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name Ray Ramos

Phone No. _____

GENERATORNO. HW- 703403

Generator Manifest # _____

Location of Origin _____

Generator Name BTA

Lease/Well _____

Name & No. White Wing CBT

Address _____

County _____

API No. Incident # 15089

City, State, Zip _____

Rig Name & No. _____

Phone No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Muds	_____	<u>Dump Truck</u>
Oil Based Cuttings	_____	
Water Based Muds	_____	
Water Based Cuttings	_____	
Produced Formation Solids	_____	
Tank Bottoms	_____	
E&P Contaminated Soil	_____	
Gas Plant Waste	_____	
INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
Truck Washout (exempt waste)	YES _____ NO _____	QUANTITY _____ TOP SOIL _____ CALICHE _____

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 15 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTERTransporter's Name McNabb PartnersDriver's Name Manuel Lopez

Address _____

Print Name _____

Phone No. _____

Phone No. _____

Transporter Ticket # _____

Truck No. 1139

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE 10-4-24

DRIVER'S SIGNATURE

TRUCK TIME STAMPIN: 2:04 PM OUT: _____**DISPOSAL FACILITY****RECEIVING AREA**Name/No. PodsSite Name/ Halfway Facility / NM1-006Permit No. R360A.DAddress 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One)

YES

NO

If YES, was reading > 50 micro roentgens? (Circle One)

YES

NO

PASS THE PAINT FILTER TEST? (Circle One)

YES

NO

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BLS Received	BS&W (%)
Free Water	_____
Total Received	_____

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

REQUIRED INFORMATION

Company Man. Contact Information

Name Roy Ramos

Phone No. _____

GENERATOR

NO. HW- 703402

Generator Manifest # _____

Generator Name BTA

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin _____

Lease/Well _____

Name & No. White Wing CBT

County _____

API No. Incident # 15089

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste	NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS	
	_____	_____	<u>Dump Truck</u>	
	_____	_____		
	_____	_____		
INTERNAL USE ONLY	TOP SOIL & CALICHE SALES			
	Truck Washout (exempt waste)	YES NO	QUANTITY	TOP SOIL CALICHE

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 15 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- ☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- ☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)
- ☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Manuel Lopez

Print Name _____

Phone No. 1139

Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE 10-4-24

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: 12:45 PM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Pad 3Site Name/ Halfway Facility / NM1-006Permit No. R360ADAddress 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-392-6368NORM READINGS TAKEN? (Circle One) YES ☒ NOPASS THE PAINT FILTER TEST? (Circle One) YES ☒ NOIf YES, was reading > 50 micro roentgens? (Circle One) YES ☐ NO ☒

TANK BOTTOMS

	Feet	Inches	BS&W/BBLS Received		BS&W (%)
1st Gauge					
2nd Gauge				Free Water	
Received				Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED 10/4/24 DENIED _____ If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name Ray Serrano

Phone No. _____

GENERATOR

NO. HW- 703401

Generator Manifest # _____

Generator Name BTA

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin

Lease/Well

Name & No. White Wing CBT

County

API No. Incident #15089

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Muds	_____	<u>Dump Truck</u>
Oil Based Cuttings	_____	
Water Based Muds	_____	
Water Based Cuttings	_____	
Produced Formation Solids	_____	
Tank Bottoms	_____	
E&P Contaminated Soil	_____	
Gas Plant Waste	_____	
INTERNAL USE ONLY		TOP SOIL & CALICHE SALES
Truck Washout (exempt waste)	YES _____ NO _____	QUANTITY _____ TOP SOIL _____ CALICHE _____

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 15.05 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name

Print Name

Phone No.

Truck No. 1139

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: 10:55AM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Pod3

Site Name/

Permit No. Halfway Facility / NM1-006 R360 A.DAddress 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No.

575-392-6368

NORM READINGS TAKEN? (Circle One)

YES

NO

If YES, was reading > 50 micro roentgens? (Circle One)

YES

NO

PASS THE PAINT FILTER TEST? (Circle One)

YES

NO

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLs Received	BS&W (%)
Free Water	_____
Total Received	_____

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name Ray Ramos

Phone No. _____

GENERATORNO. HW- 703400

Generator Manifest # _____

Location of Origin _____

Generator Name BTA

Lease/Well _____

Address _____

Name & No. White Wing CBT

City, State, Zip _____

County _____

Phone No. _____

API No. Incident # 15089

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Muds	_____	<u>Dump Truck</u>
Oil Based Cuttings	_____	
Water Based Muds	_____	
Water Based Cuttings	_____	
Produced Formation Solids	_____	
Tank Bottoms	_____	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	_____	
Gas Plant Waste	_____	Truck Washout (exempt waste) YES _____ NO _____ QUANTITY _____ TOP SOIL _____ CALICHE _____

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 15 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- ☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- ☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)
- ☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTERTransporter's Name McNabb PartnersDriver's Name Manuel Lopez

Address _____

Print Name _____

Phone No. _____

Phone No. 1139

Transporter Ticket # _____

Truck No. _____

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE 10-4-24

DRIVER'S SIGNATURE _____

TRUCK TIME STAMPIN: 9:35 AM OUT: _____**DISPOSAL FACILITY****RECEIVING AREA**Name/No. Pad 3Site Name/ Halfway Facility / NM1-006 R360 A.D

Permit No. _____

Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-392-6368

NORM READINGS TAKEN? (Circle One)

YES

NO

If YES, was reading > 50 micro roentgens? (Circle One)

YES

NO

PASS THE PAINT FILTER TEST? (Circle One)

YES

NO

TANK BOTTOMS

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLs Received	BS&W (%)
Free Water	_____
Total Received	_____

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT) Kristen CadeDATE 10/4/24TITLE Receiver

SIGNATURE _____



(PLEASE PRINT)

REQUIRED INFORMATION

Name Ray Ramos

Phone No. _____

GENERATORNO. HW- 703399

Generator Manifest # _____

Location of Origin _____

Generator Name BTA

Lease/Well _____

Address _____

Name & No. White Wing CBT

County _____

City, State, Zip _____

API No. Incident # 15089

Phone No. _____

Rig Name & No. _____

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

		NON-INJECTABLE WATERS		OTHER EXEMPT E&P WASTE STREAMS	
		Washout Water (Non-Injectable)	Completion Fluid/Flow Back (Non-Injectable)	Produced Water (Non-Injectable)	Gathering Line Water/Waste (Non-Injectable)
Oil Based Muds	_____	_____	_____	_____	_____
Oil Based Cuttings	_____	_____	_____	_____	_____
Water Based Muds	_____	_____	_____	_____	_____
Water Based Cuttings	_____	_____	_____	_____	_____
Produced Formation Solids	_____	_____	_____	_____	_____
Tank Bottoms	_____	_____	_____	_____	_____
E&P Contaminated Soil	_____	_____	_____	_____	_____
Gas Plant Waste	_____	_____	_____	_____	_____

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 15 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

- ☒ RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)
- ☐ RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)
- ☐ MSDS Information ☐ RCRA Hazardous Waste Analysis ☐ Other (Provide Description Below)
- ☐ EMERGENCY NON-OILFIELD Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTERTransporter's Name McNabb PartnersDriver's Name Manuel Lopez

Address _____

Print Name _____

Phone No. _____

Phone No. _____

Transporter Ticket # _____

Truck No. 1139

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMPIN: 8:16 AM OUT: _____**DISPOSAL FACILITY****RECEIVING AREA**Name/No. Pad 3Site Name/ Halfway Facility / NM1-006Permit No. D360NDAddress 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-392-6368NORM READINGS TAKEN? (Circle One) YES ☒ NOIf YES, was reading > 50 micro roentgens? (Circle One) YES ☐ NOPASS THE PAINT FILTER TEST? (Circle One) YES ☐ NO**TANK BOTTOMS**

	Feet	Inches	BS&W/BBLS Received	BS&W (%)
1st Gauge	_____	_____	_____	_____
2nd Gauge	_____	_____	Free Water	_____
Received	_____	_____	Total Received	_____

I hereby certify that the above load material has been (circle one): ☒ ACCEPTED ☐ DENIED If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information
Name Ray Ramos
Phone No. _____

GENERATOR

NO. HW-7029810Generator Manifest # _____
Generator Name BTA
Address _____
City, State, Zip _____
Phone No. _____Location of Origin
Lease/Well
Name & No. White Wing CRT
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	Washout Water (Non-Injectable)	
Waste Based Muds	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings	Produced Water (Non-Injectable)	<u>Dump</u>
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		
E&P Contaminated Soil	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
Gas Plant Waste	Truck Washout (exempt waste) YES NO	QUANTITY TOP SOIL CALICHE

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 15 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNabb Partners
Address _____
Phone No. _____
Transporter Ticket # _____Driver's Name Joel Van Baskirk
Print Name _____
Phone No. _____
Truck No. M37

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: 12:02 PM OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Pad 3Site Name/
Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-887-6504NORM READINGS TAKEN? (Circle One) YES NO
PASS THE PAINT FILTER TEST? (Circle One) YES NOIf YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLs Received		BS&W (%)
Free Water		
Total Received		

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information

Name Ray Ramas

Phone No. _____

GENERATOR

NO. HW-7 029812

Generator Manifest # _____

Generator Name BTA

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin _____

Lease/Well _____

Name & No. White Wing CBT

County _____

API No. _____

Rig Name & No. #15089

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS				
Oil Based Cuttings	Washout Water (Non-Injectable)	<u>Dump</u>				
Waste Based Muds	Completion Fluid/Flow Back (Non-Injectable)					
Water Based Cuttings	Produced Water (Non-Injectable)					
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)					
Tank Bottoms	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES				
E&P Contaminated Soil	Truck Washout (exempt waste)	YES	NO	QUANTITY	TOP SOIL	CALICHE
Gas Plant Waste						

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCPL), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 15 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Joel Van Buren

Print Name _____

Phone No. _____

Truck No. 137

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE 10-9-04

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: 10:28 OUT: 10:28

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 12013Site Name/Permit No. Halfway Facility / NM1-006Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-887-6504NORM READINGS TAKEN? (Circle One) YES NOPASS THE PAINT FILTER TEST? (Circle One) YES NOIf YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches	BS&W/BBLs Received	Free Water	Total Received	BS&W (%)
1st Gauge						
2nd Gauge						
Received						

I hereby certify that the above load material has been (circle one):

ACCEPTED 10/9/04

DENIED

If denied, why? for

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information
Name Ray Ramos
Phone No. _____

GENERATOR

NO. HW-7029811Generator Manifest # _____
Generator Name BTA
Address _____
City, State, Zip _____
Phone No. _____Location of Origin _____
Lease/Well _____
Name & No. White Wing CBT
County _____
API No. _____
Rig Name & No. #15089
AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____
Waste Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____
Tank Bottoms	_____	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES NO QUANTITY TOP SOIL CALICHE
Gas Plant Waste	_____		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCPL), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 15 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNabb Partners
Address _____
Phone No. _____
Transporter Ticket # _____Driver's Name Joel Van Buskirk
Print Name _____
Phone No. _____
Truck No. M37

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: 8:58 OUT: 9:05

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 1013Site Name/ Permit No. Halfway Facility / NM1-006
Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-887-6504NORM READINGS TAKEN? (Circle One) YES (NO)
PASS THE PAINT FILTER TEST? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W/BBLs Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one): ACCEPTED 10/29 10/29 10/29
NAME (PRINT) DATE TITLE SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Company Man Contact Information

Name Roy Ramos

Phone No. _____

GENERATORNO. HW-7029843

Generator Manifest # _____

Location of Origin _____

Generator Name BTA

Lease/Well _____

Address _____

Name & No. White Wing CBT

County _____

City, State, Zip _____

API No. _____

Phone No. _____

Rig Name & No. #15089

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Muds	_____	<u>Dump</u>
Oil Based Cuttings	_____	
Waste Based Muds	_____	
Water Based Cuttings	_____	
Produced Formation Solids	_____	
Tank Bottoms	_____	
E&P Contaminated Soil	_____	
Gas Plant Waste	_____	

INTERNAL USE ONLY**TOP SOIL & CALICHE SALES**

Truck Washout (exempt waste)	YES	NO	QUANTITY	TOP SOIL	CALICHE
_____	_____	_____	_____	_____	_____

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 18 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTERTransporter's Name McNabb PartnersDriver's Name Joel Kn Bunkire

Address _____

Print Name _____

Phone No. _____

Phone No. _____

Transporter Ticket # _____

Truck No. W137

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE 10-10-24

DRIVER'S SIGNATURE _____

TRUCK TIME STAMPIN: 9:27 OUT: 9:34**DISPOSAL FACILITY****RECEIVING AREA**Name/No. 129013Site Name/Permit No. Halfway Facility / NM1-006Phone No. 575-887-6504Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220NORM READINGS TAKEN? (Circle One) YES ☒ NO ☐If YES, was reading > 50 micro roentgens? (Circle One) YES ☐ NO ☐PASS THE PAINT FILTER TEST? (Circle One) YES ☐ NO ☐**TANK BOTTOMS**

	Feet	Inches
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

BS&W/BBLS Received	_____	BS&W (%)	_____
Free Water	_____		
Total Received	_____		

I hereby certify that the above load material has been (circle one):

ACCEPTED 10/10DENIED JoelIf denied, why? _____

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____



(PLEASE PRINT)

REQUIRED INFORMATION

Name Ray Rantas

Phone No. _____

GENERATOR

NO. HW-7029890

Generator Manifest # _____

Generator Name BTA

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin _____

Lease/Well _____

Name & No. White Wing CRT

County _____

API No. _____

Rig Name & No. #15089

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	Washout Water (Non-Injectable)	
Waste Based Muds	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings	Produced Water (Non-Injectable)	
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		
E&P Contaminated Soil		
Gas Plant Waste		
	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
	Truck Washout (exempt waste)	YES NO QUANTITY TOP SOIL CALICHE

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 15 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name McNabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Joel Van Buren

Print Name _____

Phone No. _____

Truck No. M37

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE _____

DRIVER'S SIGNATURE _____

DELIVERY DATE 10-10-24

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: 10:56 OUT: 11:01

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 1012Site Name/ Halfway Facility / NM1-006

Permit No. _____

Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-887-6504NORM READINGS TAKEN? (Circle One) YES NOPASS THE PAINT FILTER TEST? (Circle One) YES NOIf YES, was reading > 50 micro roentgens? (Circle One) YES NO

TANK BOTTOMS

	Feet	Inches
1st Gauge		
2nd Gauge		
Received		

BS&W/BBLS Received		BS&W (%)	
Free Water			
Total Received			

I hereby certify that the above load material has been (circle one):

10/10 ACCEPTED

DENIED

If denied, why? See 1012

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____



(PLEASE PRINT)

REQUIRED INFORMATION

Name Ray Ramos

Phone No. _____

GENERATORNO. HW-7 029891

Generator Manifest # _____

Generator Name McNabb Partners

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin _____

Lease/Well _____

Name & No. White Wing CRT

County _____

API No. _____

Rig Name & No. #15089

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS				
Oil Based Cuttings	Washout Water (Non-Injectable)	<u>Dump</u>				
Waste Based Muds	Completion Fluid/Flow Back (Non-Injectable)					
Water Based Cuttings	Produced Water (Non-Injectable)					
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)					
Tank Bottoms	INTERNAL USE ONLY					
E&P Contaminated Soil	Truck Washout (exempt waste)	YES	NO	QUANTITY	TOP SOIL	CALICHE
Gas Plant Waste						

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 15 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTERTransporter's Name McNabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Joel Van Buren

Print Name _____

Phone No. _____

Truck No. M37

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE 10-10-24

DRIVER'S SIGNATURE

TRUCK TIME STAMPIN: 12:00p OUT: 12:11p**DISPOSAL FACILITY****RECEIVING AREA**Name/No. 10103Site Name/ Halfway Facility / NM1-006

Permit No. _____

Address 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220Phone No. 575-887-6504NORM READINGS TAKEN? (Circle One) YES NOIf YES, was reading > 50 micro roentgens? (Circle One) YES NOPASS THE PAINT FILTER TEST? (Circle One) YES NO**TANK BOTTOMS**

1st Gauge	Feet	Inches	BS&W/BBLS Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one):

ACCEPTED 10/10

DENIED

If denied, why? see

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name Dan Ramos

Phone No. _____

GENERATOR

NO. HW-7 029892

Generator Manifest # _____

Generator Name BTA

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin _____

Lease/Well _____

Name & No. White Wing CRT

County _____

API No. _____

Rig Name & No. #15089

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	Washout Water (Non-Injectable)	
Waste Based Muds	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings	Produced Water (Non-Injectable)	
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms		
E&P Contaminated Soil	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
Gas Plant Waste	Truck Washout (exempt waste)	YES NO QUANTITY TOP SOIL CALICHE

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID 15 Y - YARDS E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Joel Van Baskirk

Print Name _____

Phone No. _____

Truck No. 1137

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: 1:46p OUT: 1:53p

DISPOSAL FACILITY

RECEIVING AREA

Name/No. Joel 13Site Name/ Halfway Facility / NM1-006Permit No. 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Address _____

Phone No. 575-887-6504

NORM READINGS TAKEN? (Circle One) YES NO

If YES, was reading > 50 micro roentgens? (Circle One) YES NO

PASS THE PAINT FILTER TEST? (Circle One) YES NO

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W/BBLs Received	BS&W (%)
2nd Gauge			Free Water	
Received			Total Received	

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATORNO. **HW- 704935**

Generator Manifest # _____

Generator Name B7A

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin

Lease/Well

Name & No. White Wing CBT

County _____

API No. _____

Rig Name & No. Incident # 1059

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT E&P WASTE STREAMS
Oil Based Cuttings	Washout Water (Non-Injectable)	<u>Dump</u>
Water Based Muds	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings	Produced Water (Non-Injectable)	
Produced Formation Solids	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms	INTERNAL USE ONLY	TOP SOIL & CALICHE SALES
E&P Contaminated Soil	Truck Washout (exempt waste)	YES NO QUANTITY TOP SOIL CALICHE
Gas Plant Waste		

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES**NON-EXEMPT E&P Waste/Service Identification and Amount**
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 15 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☒ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE Raul Ramiro

DATE

SIGNATURE

TRANSPORTER

Transporter's

Name McNabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name

Print Name Boyer H

Phone No. _____

Truck No. M33

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: 9:56 OUT: 10:00**DISPOSAL FACILITY**

RECEIVING AREA

Name/No. 10103

Site Name/

Permit No.

Address Halfway Facility / NM1-0066601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No.

575-392-6368NORM READINGS TAKEN? (Circle One) YES NOPASS THE PAINT FILTER TEST? (Circle One) YES NOIf YES, was reading > 50 micro roentgens? (Circle One) YES NO**TANK BOTTOMS**

Feet

Inches

1st Gauge	
2nd Gauge	
Received	

BS&W/BBLS Received		BS&W (%)
Free Water		
Total Received		

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name PamPhone No. Pamios

GENERATOR

NO. HW- 704932

Generator Manifest # _____

Generator Name BTA

Address _____

City, State, Zip _____

Phone No. _____

Location of Origin

Lease/Well

Name & No. White Wing CST

County _____

API No. _____

Rig Name & No. Incident # 1089

AFE/PO No. _____

EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT E&P WASTE STREAMS	_____
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	<u>Dump</u>	
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____		
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____		
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____		
Tank Bottoms	_____	INTERNAL USE ONLY	_____	TOP SOIL & CALICHE SALES	_____
E&P Contaminated Soil	_____	Truck Washout (exempt waste)	YES _____ NO _____	QUANTITY	TOP SOIL CALICHE
Gas Plant Waste	_____				

WASTE GENERATION PROCESS: ☐ DRILLING ☐ COMPLETION ☐ PRODUCTION ☐ GATHERING LINES

NON-EXEMPT E&P Waste/Service Identification and Amount

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity.

Non-Exempt Other _____ *please select from Non-Exempt Waste List on back

DISPOSAL QUANTITY B - BARRELS L - LIQUID Y - YARDS 15 E - EACH

I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation.

☐ RCRA EXEMPT:

Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only)

☐ RCRA NON-EXEMPT:

Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided)

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below)☐ EMERGENCY NON-OILFIELD

Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form)

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McBabb Partners

Address _____

Phone No. _____

Transporter Ticket # _____

Driver's Name Rosa H

Print Name _____

Phone No. _____

Truck No. 1133

I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below.

SHIPMENT DATE

DRIVER'S SIGNATURE

DELIVERY DATE

DRIVER'S SIGNATURE

TRUCK TIME STAMP

IN: 8:25 OUT: 8:29

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 120103Site Name/
Permit No.Halfway Facility / NM1-006

Address

6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220

Phone No.

575-392-6368

NORM READINGS TAKEN? (Circle One)

YES

NO

If YES, was reading > 50 micro roentgens? (Circle One)

YES

NO

PASS THE PAINT FILTER TEST? (Circle One)

YES

NO

TANK BOTTOMS

Feet

Inches

1st Gauge

2nd Gauge

Received

BS&W/BBLS Received

Free Water

Total Received

BS&W (%)

I hereby certify that the above load material has been (circle one):

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 395839

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 395839
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2426443293
Incident Name	NAPP2426443293 WHITE WING CTB @ 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	White Wing CTB
Date Release Discovered	09/18/2024
Surface Owner	Private

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: Equipment Failure Coupling Produced Water Released: 71 BBL Recovered: 50 BBL Lost: 21 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 2

Action 395839

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 395839
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
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.	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

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: Nicholas Poole Title: with Tetrattech Email: nicholas.poole@tetrattech.com Date: 10/25/2024
--	---

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 3

Action 395839

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 395839
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	Attached Document
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (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	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
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	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<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>	
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)	2880
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<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>	
On what estimated date will the remediation commence	10/02/2024
On what date will (or did) the final sampling or liner inspection occur	10/02/2024
On what date will (or was) the remediation complete(d)	10/16/2024
What is the estimated surface area (in square feet) that will be reclaimed	3997
What is the estimated volume (in cubic yards) that will be reclaimed	405
What is the estimated surface area (in square feet) that will be remediated	3997
What is the estimated volume (in cubic yards) that will be remediated	405
<i>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.</i>	
<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>	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 4

Action 395839

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 395839
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<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>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	<i>Not answered.</i>
OR is the off-site disposal site, to be used, out-of-state	<i>Not answered.</i>
OR is the off-site disposal site, to be used, an NMED facility	<i>Not answered.</i>
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<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: Nicholas Poole Title: with Tetrattech Email: nicholas.poole@tetrattech.com Date: 10/25/2024
<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>	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 5

Action 395839

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 395839
	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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 6

Action 395839

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID:
	260297
	Action Number:
	395839
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	389655
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/07/2024
What was the (estimated) number of samples that were to be gathered	15
What was the sampling surface area in square feet	4000

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

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	3997
What was the total volume (cubic yards) remediated	405
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	3997
What was the total volume (in cubic yards) reclaimed	405

Summarize any additional remediation activities not included by answers (above)	From October 2 to 16, 2024, Tetra Tech personnel were onsite to supervise remedial activities at the Site, including excavation, disposal, and confirmation sampling. Prior to confirmation sampling, the NMOCD district office was notified via the OCD Fee Application Portal in accordance with Subsection D of 19.15.29.12 NMAC. The areas within the release footprint were excavated to a maximum depth of 3 feet below surrounding grade. Due to safety concerns associated with working around pressurized lines, impacted soils were excavated by hydro-excavation and hand within 4 feet of subsurface lines. Heavy machinery remained outside this buffer zone to avoid any associated risk or disturbance. All excavated material was transported offsite for proper disposal. A total of 405 cubic yards of material were transported to the R360 Halfway Facility. Confirmation samples were collected such that each sample (sidewall and floor) was representative of no more than 200 square feet of excavated area. Twenty (20) confirmation floor sample locations and nine (9) confirmation sidewall sample locations were collected for laboratory analysis during remedial activities. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH, and BTEX.
---	---

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 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: Nicholas Poole Title: with Tetrattech Email: nicholas.poole@tetrattech.com Date: 10/25/2024
--	--

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 7

Action 395839

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 395839
	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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 395839

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 395839
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2426443293 WHITE WING CTB, thank you. This Remediation Closure Report is approved.	11/26/2024