



May 5, 2025

District Supervisor  
Oil Conservation Division, District 2  
506 W. Texas  
Artesia, New Mexico 88210

**Re: Closure Report  
BTA Oil Producers, LLC  
RGA #1  
Unit Letter K, Section 14, Township 23 South, Range 28 East  
Eddy County, New Mexico  
Incident ID nAPP2228347919**

Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by BTA Oil Producers, LLC (BTA) to assess and evaluate an historical release associated with the RGA #001 (API # 30-015-26151). The approximate release site coordinates are 32.303975°, -104.059611°, located in the Public Land Survey System (PLSS) Unit Letter K, Section 14, Township 23 South, Range 28 East, Eddy County, New Mexico (Site). The Site location is shown in Figures 1 and 2. The site is located on private land.

## BACKGROUND

According to the State of New Mexico Oil Conservation Division (NMOCD) C-141 Initial Report, the release was discovered on October 7, 2022. A stuffing box failure on the wellhead resulted in the release of approximately 7 barrels (bbls) of crude oil and 5 bbls of produced water onto the surface of the well pad and adjacent pasture. A vacuum truck was immediately dispatched to the Site to recover the free-standing fluids; approximately 5 bbls of crude oil and 3 bbls of produced water were recovered. BTA reported the release to the NMOCD on a Release Notification Form C-141 (Form C-141) on October 10, 2022. The release was assigned Incident Number nAPP2228347919. The notice of release and C-141 forms are included in Appendix A.

## SITE CHARACTERIZATION

A site characterization was performed and no watercourses, sinkholes, residences, schools, hospitals, institutions, churches, springs, private domestic water wells, playa lakes, wetlands, incorporated municipal boundaries, subsurface mines, or floodplains are located within the distances specified in 19.15.29 New Mexico Administrative Code (NMAC). The Site is within a New Mexico oil and gas production area. The Site is in an area of medium karst potential.

The closest continuously flowing or significant watercourse to the Site is the Pecos River, located approximately 2,095 feet northeast. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake, and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The site is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology.

Tetra Tech

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

Tel 432.682.4559 Fax 432.682.3946 www.tetrattech.com

Closure Report  
May 5, 2025

BTA Oil Producers, LLC

There are five (5) water wells listed in the New Mexico Office of the State Engineer (NMOSE) database located within approximately ½ mile (800 meters) of the site with an average depth to water of 33-feet below ground surface (bgs). The site characterization data is presented in Appendix B.

## REGULATORY FRAMEWORK

Based upon the karst potential, depth-to-water 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 and in accordance with Table I of 19.15.29.12 NMAC, the RRALs for the Site are as follows:

Constituent	Site RRAL
Chloride	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg
BTEX	50 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 feet bgs) are as follows:

Constituent	Reclamation Requirement
Chloride	600 mg/kg
TPH (GRO+DRO+ORO)	100 mg/kg
BTEX	50 mg/kg

## SITE ASSESSMENT ACTIVITIES (ENSOLUM)

On behalf of BTA, Ensolum, LLC (Ensolum), was initially contracted to assess the impacts at the Site. The approximate release extent was identified based on information provided in the Form C-141 and visual observations made in the field.

On October 21, 2022, Site assessment activities were conducted to evaluate the release extent based on information provided on the Form C-141 and visual observations. The released fluids flowed southeast into surrounding pasture. Nine assessment soil samples (SS01 through SS09) were collected within and around the release extent at a depth of 0.5 feet bgs. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. The release extent and soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 3.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analyses of the following constituents of concern (COCs): BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following EPA Method SM4500. Soil samples delivered to the laboratory the same day they were collected may not have equilibrated to the 6 degrees Celsius required for shipment and long-term storage but are considered to have been received in acceptable condition.

Laboratory analytical results for soil samples SS01 through SS05, collected within the release extent, indicated TPH and/or chloride concentrations exceeded the Site Closure Criteria. Laboratory analytical results for soil samples SS06 through SS09, collected around the release extent, indicated all COC

Closure Report  
May 5, 2025

BTA Oil Producers, LLC

concentrations were compliant with the Site Closure Criteria and successfully defined the lateral extent of the release. The Ensolum laboratory analytical results are summarized in Table 1.

### EXCAVATION ACTIVITIES (ENSOLUM)

On February 28, Ensolum personnel were onsite to supervise remediation and reclamation activities at the Site, including excavation, disposal, and confirmation sampling. On April 25, 2024, The NMOCD was provided proper notification of confirmation sampling. Documentation of associated regulatory correspondence is included in Appendix C.

Impacted soils were excavated as indicated in Figure 4. The areas within the release footprint were excavated to a maximum depth of 3.5 feet below surrounding grade. All excavated material was transported offsite for proper disposal. Approximately 265 cubic yards of material were transported to a licensed disposal facility in New Mexico.

Following excavation, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify efficacy of remediation activities. Per the NMOCD-approved confirmation sampling plan, confirmation samples were collected such that each discrete sample (sidewall and floor) was representative of no more than 200 square feet of excavated area. A total of Eight (8) confirmation floor sample locations and eight (8) confirmation sidewall sample locations were used during remedial activities. 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 SM4500CI-B. The analytical results were directly compared to the established Site RRALs and/or Reclamation Requirements to demonstrate compliance.

The results of the April 2024 confirmation sampling events are summarized in Table 1. Final confirmation soil samples located at locations FS01 through FS05 and SW02 through SW05 (SW05 is an iterative sample of SW01) were below applicable cleanup levels for chloride, TPH, and BTEX. Impacted soil was left in the northern portion of the release extent, immediately adjacent to an active pumping unit. Based on the data collected, it appears remedial activities were inadequate in the areas of FS06 through FS11.

### REMEDIATION WORK PLAN AND DEFERRAL REQUEST REJECTION (ENSOLUM)

Based on the site assessment results and completed excavation, Ensolum prepared and submitted a Remediation Work Plan and Deferral Request to the NMOCD on April 5, 2023. In the report, Ensolum proposed the following:

- *Impacted soil remains in the northern portion of the release extent immediately adjacent to an active pumpjack in sidewall soil sample SW01, collected at depths from the ground surface to 3 feet bgs. BTA is requesting deferral of final remediation until major facility deconstruction or pad abandonment, whichever occurs first. Lateral delineation of residual impacted soil is defined by soil samples collected from clean sidewall samples to the east, west, and south of the excavation as well as lateral soil samples SS06, SS08, and SS09 (Figure 4). Impacted soil is vertically delineated by nearby floor samples FS02A and FS03A collected at 3.25 feet bgs. As such, a total of approximately 5 cubic yards of TPH impacted soil remains in place immediately adjacent to the active pumpjack.*
- *Vertical delineation of chloride to below the Closure Criteria within the excavation.*
- *Excavation of TPH impacted soil in the vicinity of confirmation floor soil samples FS01A and FS05A until laboratory analytical results indicate benzene, BTEX, and TPH meet the Closure Criteria. An estimated 10 cubic yards of TPH-impacted soil is anticipated to be excavated for compliance with*

Closure Report  
May 5, 2025

BTA Oil Producers, LLC

*the Closure Criteria. The excavated soil will be transferred a New Mexico approved landfill facility for disposal.*

- *Impacted soil in the vicinity of confirmation floor soil samples FS10 through FS11 will likely be remediated shallower than 4 feet bgs, and if that is the case, confirmation sampling will occur on the floor the excavation as described previously.*
- *Upon completion of delineation and excavation activities, a 20-mil impermeable liner will be installed over the chloride impacted soil to mitigate further chloride impacts to the subsurface. The liner will be installed at 4 feet bgs within the open excavation as shown on Figure 5.*
- *Following the liner installation, the excavation will be backfilled and recontoured to match preexisting conditions. The pasture area will be reseeded utilizing a Bureau of Land Management approved seed mixture.*

The NMOCD denied the Remediation Work Plan and Deferral Request on August 24, 2023, for the following reasons:

- *Due to the shallow groundwater and presence of light end hydrocarbons, the liner is denied. This release will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule.*
- *Please safely remove contaminants within the deferral area with alternative methods around oil/gas equipment. Please collect confirmation samples, representing no more than 200 ft<sup>2</sup>. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All sidewall samples should be taken from the sidewall of the excavation. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule.*

#### **ADDITIONAL SITE ASSESSMENT AND REVISED REMEDIATION WORK PLAN**

On October 24, 2023, Ensolum personnel returned to the Site to complete vertical delineation of the historical pit encountered in the floor of the open excavation. Potholes PH01 through PH03 were advanced to a depth of 13 feet bgs within the open excavation near floor samples FS06A, and FS07 through FS10. Refusal with the excavator was encountered at a depth of 13 feet bgs. Pothole PH04 was advanced to a depth of 2 feet bgs within the open excavation near floor sample FS11. Soil from the potholes were field screened at 1-foot intervals for VOCs and chloride. Delineation samples were submitted for laboratory analysis from each pothole from depths ranging from 2 feet to 13 feet bgs. The pothole locations are presented on Figure 5.

Laboratory analytical results for pothole delineation samples PH01D and PH03D, collected at a depth of 13 feet bgs, and pothole delineation sample PH04, collected at a depth of 2 feet bgs, indicated all COC concentrations were compliant with the Site Closure Criteria and provided vertical delineation of the impacted soil. Laboratory analytical results for pothole delineation sample PH02D, collected at a depth of 13 feet bgs, indicated that chloride concentrations continued to exceed the Site Closure Criteria within the historical pit. The laboratory analytical results are summarized on the attached Table 1. Vertical Delineation was not achieved during the October 2023 mobilization.

A Revised Release Characterization and Remediation Work Plan (Work Plan) was prepared by Ensolum on behalf of BTA and submitted to NMOCD on November 22, 2023. A copy of the Revised Ensolum Remediation Work Plan is included in Appendix D. The Work Plan was approved by the NMOCD on March 18, 2024, with the following comments:

- *To address reclamation activities in combination with remediation activities, the reclamation report must include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts*

Closure Report  
May 5, 2025

BTA Oil Producers, LLC

*meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan. All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeded activities, inspections, and final pictures when revegetation is achieved. OR Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website. Submit a report via the OCD permitting portal by July 19, 2024.*

## REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING

From February 13 to March 3, 2025, Tetra Tech personnel were onsite to supervise the remediation and reclamation activities proposed in the approved (Ensolum) Work Plan, including excavation, disposal, and confirmation sampling. On February 10, 2025, The NMOCD was provided proper notification of confirmation sampling. Documentation of associated regulatory correspondence is included in Appendix C.

Impacted soils were excavated as indicated in Figure 6. The areas within the release footprint were excavated to a maximum depth of 16 feet below surrounding grade. Areas in the immediate vicinity of the wellhead were scraped to approximately 1-6 in bgs. Photographs from the excavated areas prior to backfill are provided in Appendix E.

All excavated material was transported off-site for proper disposal. Approximately 1,020 cubic yards of material were transported to the R360 Halfway Landfill in Hobbs, New Mexico. 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 the efficacy of remediation activities. Per the NMOCD-approved confirmation sampling plan, confirmation samples were collected such that each discrete sample (sidewall and floor) was representative of no more than 200 square feet of excavated area. A total of eight (8) confirmation floor sample locations and eight (8) confirmation sidewall sample locations were used during additional remedial activities. Confirmation sidewall sample locations were categorized by SW-#. Confirmation floor sample locations were labeled with "FS"-#. Excavated areas, depths, and confirmation sample locations are indicated in Figure 6.

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 SM4500CI-B. The analytical results were directly compared to the established Site RRALs and/or Reclamation Requirements to demonstrate compliance.

Closure Report  
May 5, 2025

BTA Oil Producers, LLC

The results of the February 2025 confirmation sampling events are summarized in Table 2. All 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 G.

**RECLAMATION ACTIVITIES**

Based on 19.15.29.13 NMAC, all areas disturbed by the remediation have been reclaimed. 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 reclamation requirements and established Site RRALs to demonstrate compliance. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH and BTEX. The results of the February 2025 confirmation sampling events are summarized in Table 2. Excavated areas, depths and confirmation sample locations are indicated in Figure 6. The reclaimed area is indicated in Figure 7.

Once acceptable confirmation sample results were received, the excavation was backfilled with clean material to pre-release grade. In accordance with 19.15.29.12 NMAC, the reclaimed area contained a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by SM4500Cl-B. The soil cover included a top layer consisting of one foot of suitable material to establish vegetation at the site. 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 G.

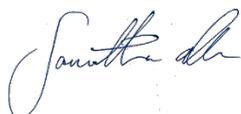
On April 1, 2025, Tetra Tech personnel returned to the site to complete seeding of the previously disturbed and backfilled areas. Based on the soils of the site, the NMSLO Course (CS) Seed Mixture was used for seeding and was planted in the amount specified in the pounds pure live seed (PLS) per acre.

Site inspections will be performed annually to assess the revegetation progress and evaluate the site for the presence of primary or secondary noxious weeds. If noxious weeds are identified, BTA will determine an effective method for eradication. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate. The NMSLO seed mixture details and corresponding pounds pure live seed per acre are included in Appendix H.

**CONCLUSION**

BTA respectfully requests approval of this report and closure of the incident based on the confirmation sampling results and remedial activities performed. The C-141 forms are enclosed in Appendix A. If you have any questions concerning the remediation activities for the Site, please call Samantha Allen at (512) 788-2948.

Sincerely,  
**Tetra Tech, Inc.**



Samantha Allen  
Project Manager



Christian M, Llull, P.G.  
Senior Project Manager

cc: Ray Ramos, BTA Oil Producers, LLC

## LIST OF ATTACHMENTS

### Figures:

- Figure 1 – Overview Map
- Figure 2 – Site Location/Topographic Map
- Figure 3 – Approximate Release Extent and Site Assessment (Ensolum)
- Figure 4 – Remediation and Confirmation Samples (Ensolum)
- Figure 5 – Additional Site Assessment (Ensolum)
- Figure 6 – Remediation and Confirmation Samples (Tetra Tech)
- Figure 7 – Reclamation Extent (Tetra Tech)

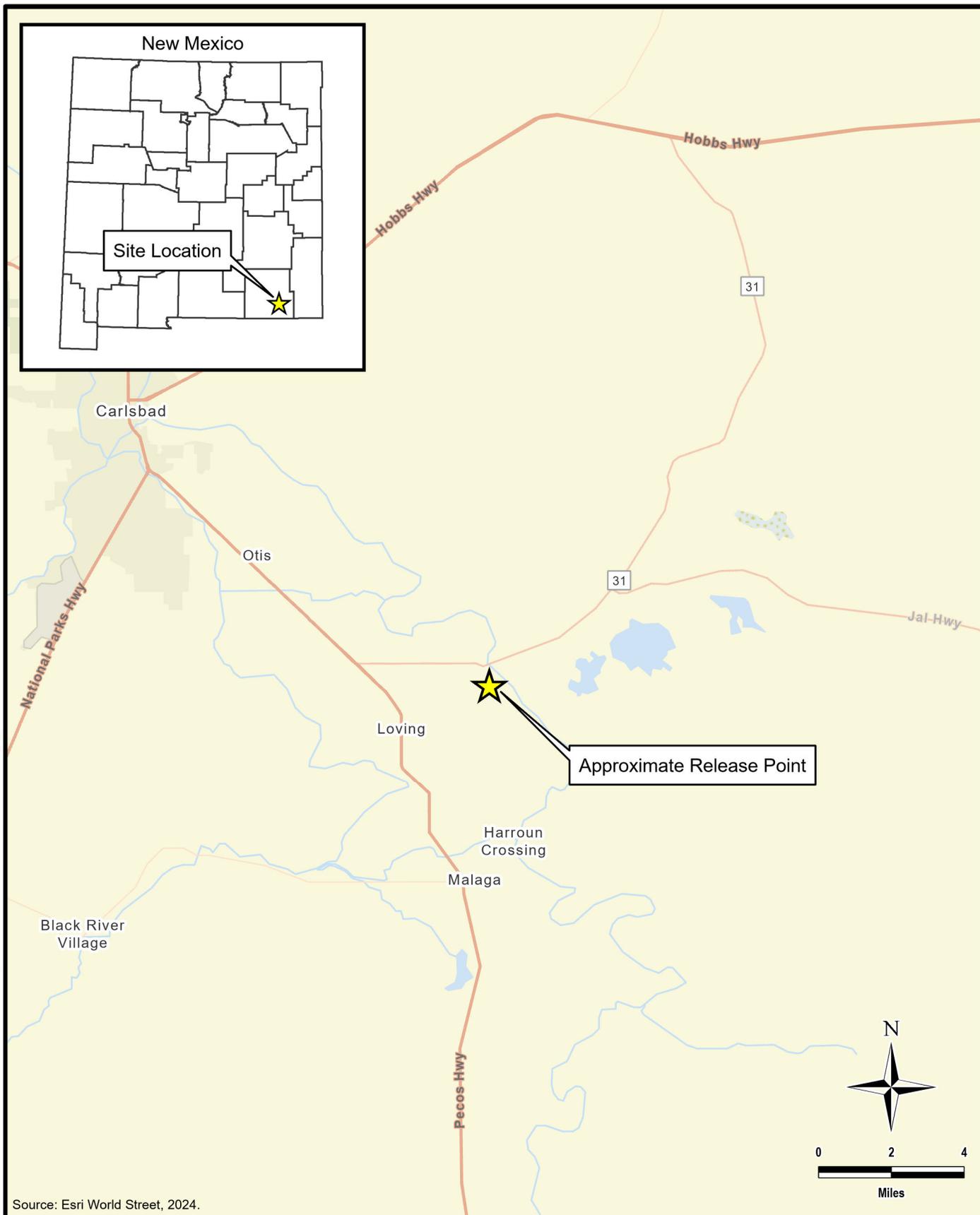
### Tables:

- Table 1 – Summary of Analytical Results – 2022 & 2023 Ensolum
- Table 2 – Summary of Analytical Results – 2025 Confirmation Sampling
- Table 3 – Summary of Analytical Results – Soil Backfill

### Appendices:

- Appendix A – Initial C-141 Form
- Appendix B – Site Characterization
- Appendix C – Regulatory Correspondence
- Appendix D – Revised Ensolum Remediation Plan
- Appendix E – Photographic Documentation
- Appendix F – Waste Manifests
- Appendix G – Laboratory Analytical Data
- Appendix H – NMSLO Seed Mixture Details

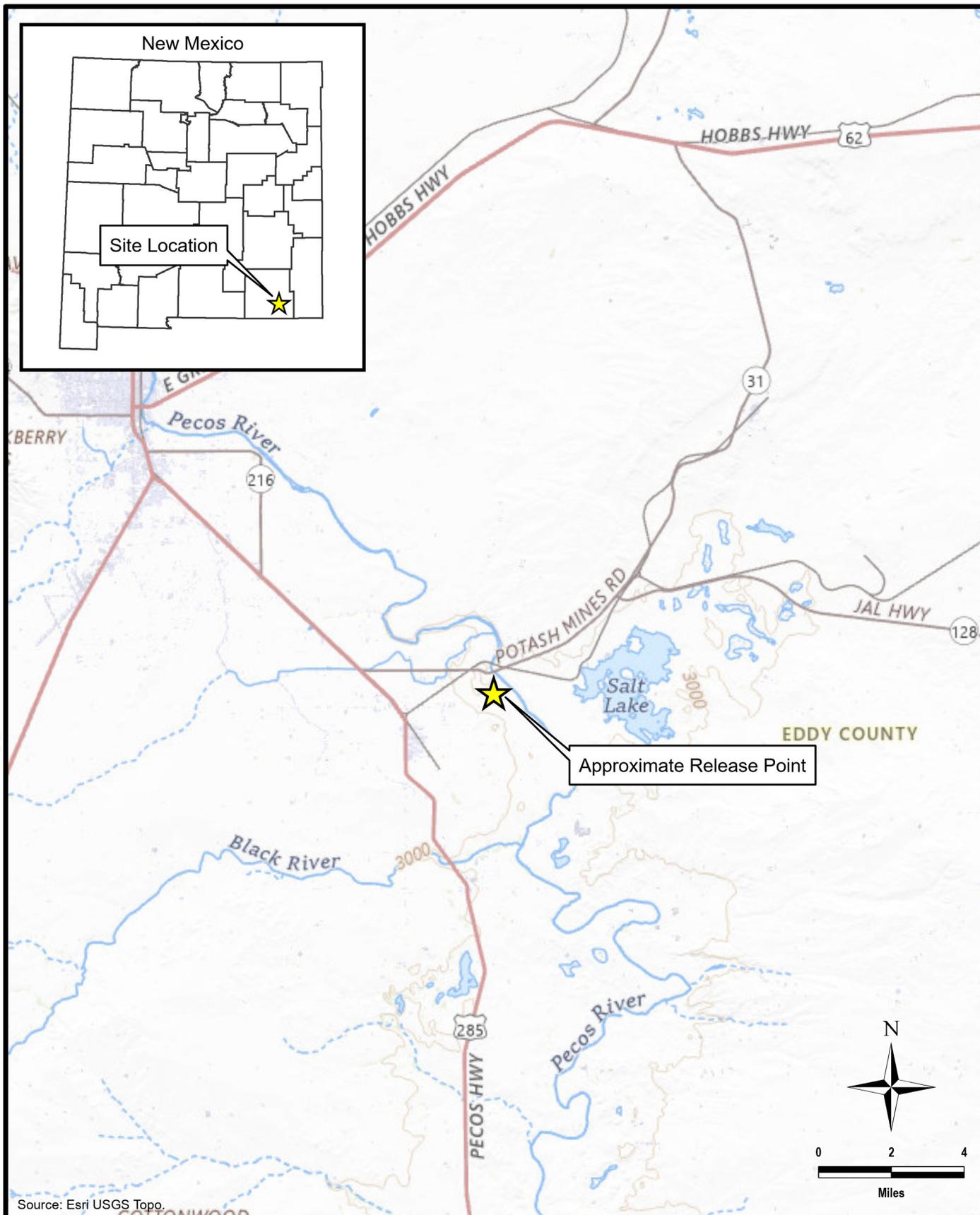
# **FIGURES**



Source: Esri World Street, 2024.

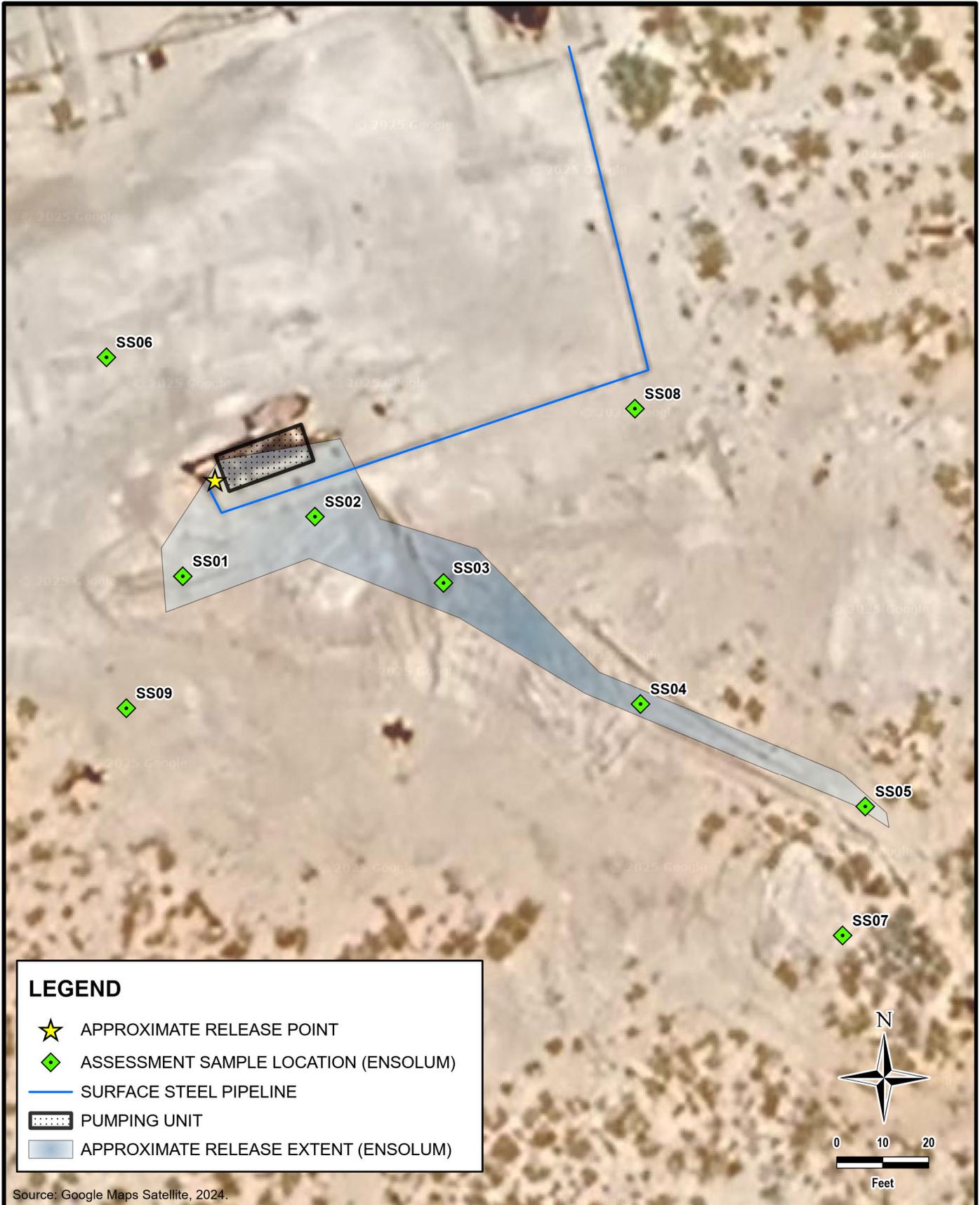
DOCUMENT PATH: C:\USERS\AM\HOXMEIER\ONEDRIVE - TETRA TECH, INC\TIT AUSTIN PROJECTS\IRGA #1\IRGA\_1\_BASE.APRX

 <b>TETRA TECH</b> www.tetratech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946	<b>BTA OIL</b> APPROXIMATE RELEASE LOCATION (32.303975°, -104.059611°) EDDY COUNTY, NEW MEXICO	PROJECT NO.: 212C-MD-03785 DATE: APRIL 29, 2025 DESIGNED BY: AJH
	<b>RG A #001</b> <b>OVERVIEW MAP</b>	Figure No. <b>1</b>



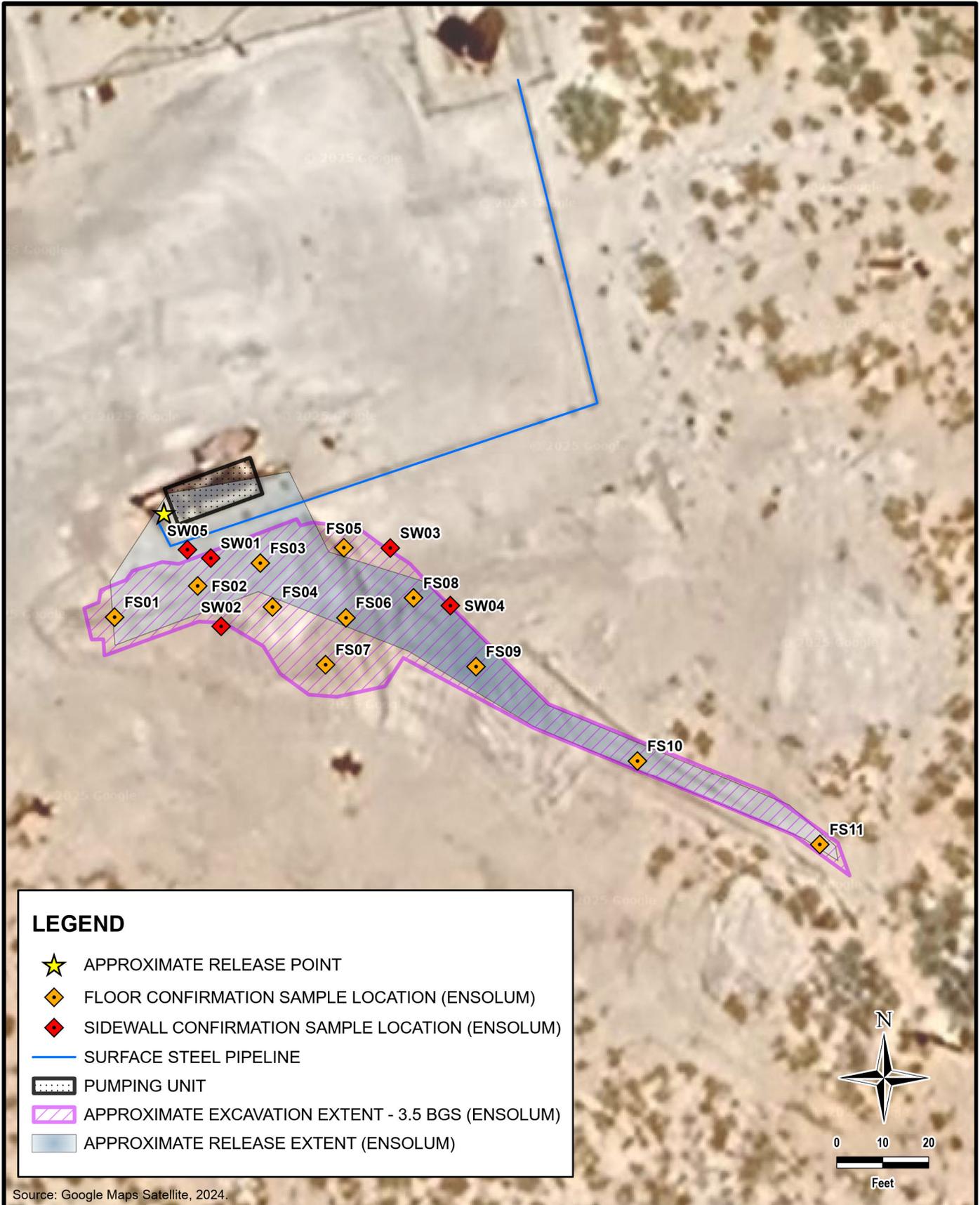
DOCUMENT PATH: C:\USERS\JAMY.HOXMEIER\ONE DRIVE - TETRA TECH, INC\IT\AUSTIN PROJECTS\IRGA #1\IRGA\_1\_BASE.APRX

 <b>TETRA TECH</b> www.tetratech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946	<b>BTA OIL</b> APPROXIMATE RELEASE LOCATION (32.303975°, -104.059611°) EDDY COUNTY, NEW MEXICO	PROJECT NO.: 212C-MD-03785 DATE: APRIL 29, 2025 DESIGNED BY: AJH
	<b>RG A #001</b> <b>TOPOGRAPHIC MAP</b>	Figure No. <b>2</b>



DOCUMENT PATH: C:\USERS\AMY.HOXMEIER\ONE\DRIVE - TETRA TECH, INC\TITT AUSTIN PROJECTS\IRGA #1\IRGA\_1\_BASE.APRX

 <b>TETRA TECH</b> www.tetrattech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946	<b>BTA OIL</b>  APPROXIMATE RELEASE LOCATION (32.303975°, -104.059611°) EDDY COUNTY, NEW MEXICO	PROJECT NO.: 212C-MD-03785 DATE: APRIL 29, 2025 DESIGNED BY: AJH
	<b>RGA #001</b> <b>APPROXIMATE RELEASE EXTENT AND SITE ASSESSMENT (ENSOLUM)</b>	Figure No. <b>3</b>



DOCUMENT PATH: C:\USERS\AM\HOMMEIER\ONEDRIVE - TETRA TECH, INC\TIT AUSTIN PROJECTS\IRGA #1\IRGA\_1\_BASE.APRX

**LEGEND**

- ★ APPROXIMATE RELEASE POINT
- ◆ FLOOR CONFIRMATION SAMPLE LOCATION (ENSOLUM)
- ◆ SIDEWALL CONFIRMATION SAMPLE LOCATION (ENSOLUM)
- SURFACE STEEL PIPELINE
- ▨ PUMPING UNIT
- ▨ APPROXIMATE EXCAVATION EXTENT - 3.5 BGS (ENSOLUM)
- ▨ APPROXIMATE RELEASE EXTENT (ENSOLUM)

Source: Google Maps Satellite, 2024.

 <b>TETRA TECH</b> www.tetratech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946	<b>BTA OIL</b>  APPROXIMATE RELEASE LOCATION (32.303975°, -104.059611°) EDDY COUNTY, NEW MEXICO	PROJECT NO.: 212C-MD-03785
	<b>RGA #001</b> <b>REMEDIATION EXTENT AND CONFIRMATION SAMPLING (ENSOLUM)</b>	DATE: APRIL 29, 2025 DESIGNED BY: AJH
		Figure No. <b>4</b>



**LEGEND**

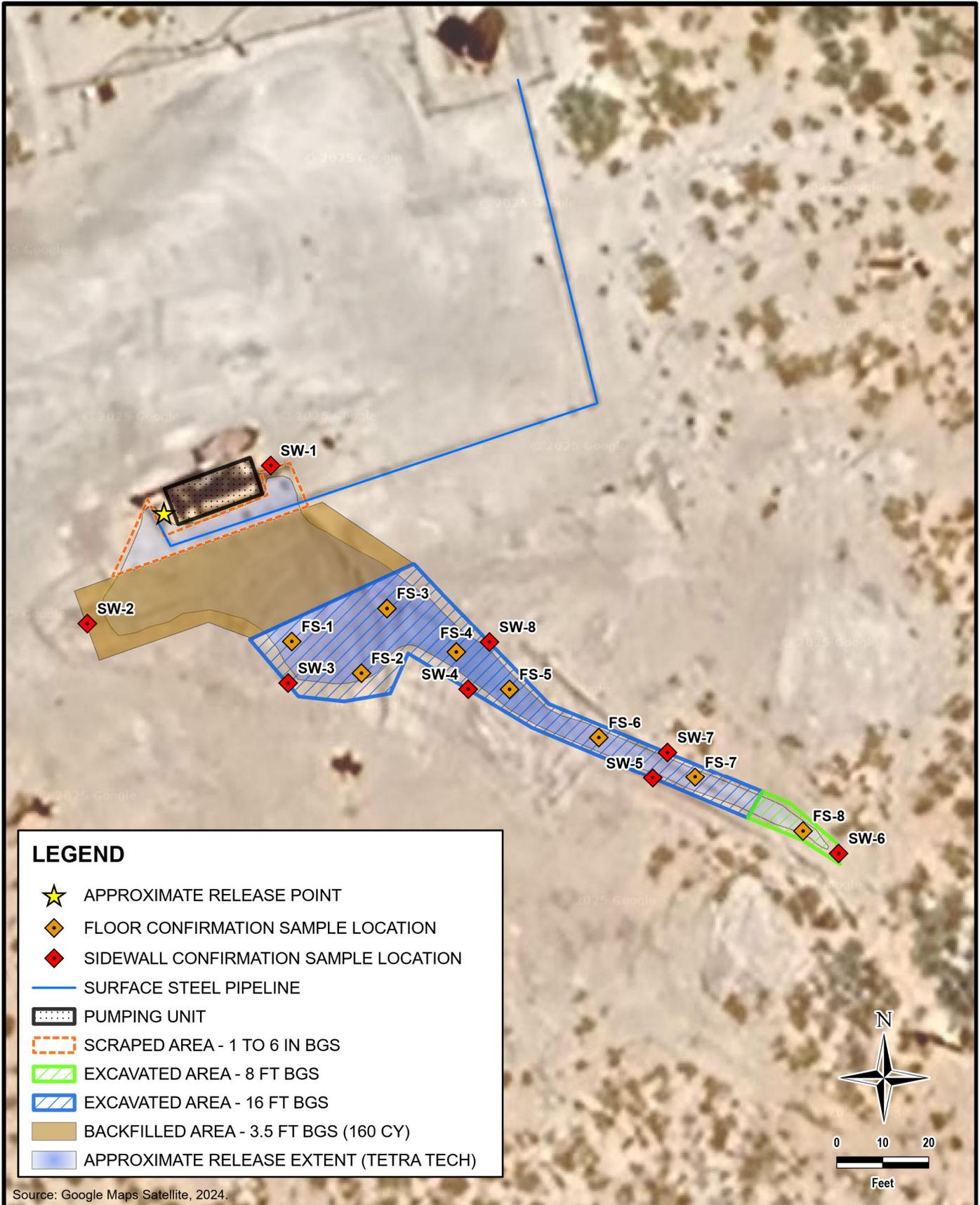
-  APPROXIMATE RELEASE POINT
-  POTHOLE LOCATION (ENSOLUM)
-  SURFACE STEEL PIPELINE
-  PUMPING UNIT
-  APPROXIMATE RELEASE EXTENT (ENSOLUM)



Source: Google Maps Satellite, 2024.

DOCUMENT PATH: C:\USERS\JMY\HOXMEIER\ONEDRIVE - TETRA TECH, INC\TIT AUSTIN PROJECTS\IRGA #1\IRGA\_1\_BASE.APRX

 <b>TETRA TECH</b> www.tetrattech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946	<b>BTA OIL</b>  APPROXIMATE RELEASE LOCATION (32.303975°, -104.059611°) EDDY COUNTY, NEW MEXICO	PROJECT NO.: 212C-MD-03785
	<b>RGA #001</b> <b>ADDITIONAL SITE ASSESSMENT (ENSOLUM)</b>	DATE: APRIL 29, 2025 DESIGNED BY: AJH
		Figure No. <b>5</b>



**LEGEND**

- ★ APPROXIMATE RELEASE POINT
- ◆ FLOOR CONFIRMATION SAMPLE LOCATION
- ◆ SIDEWALL CONFIRMATION SAMPLE LOCATION
- SURFACE STEEL PIPELINE
- ▨ PUMPING UNIT
- ▭ SCRAPED AREA - 1 TO 6 IN BGS
- ▨ EXCAVATED AREA - 8 FT BGS
- ▨ EXCAVATED AREA - 16 FT BGS
- ▨ BACKFILLED AREA - 3.5 FT BGS (160 CY)
- ▨ APPROXIMATE RELEASE EXTENT (TETRA TECH)

Source: Google Maps Satellite, 2024.

DOCUMENT PATH: C:\USERS\JAMY.HOXMEIER\ONEDRIVE - TETRA TECH, INC\TIT AUSTIN PROJECTS\IRGA #1\IRGA\_1\_BASE.APRX

 <b>TETRA TECH</b> www.tetrattech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946	<b>BTA OIL</b>  APPROXIMATE RELEASE LOCATION (32.303975°, -104.059611°) EDDY COUNTY, NEW MEXICO	PROJECT NO.: 212C-MD-03785
	<b>RG A #001</b> <b>REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING (2025)</b>	DATE: APRIL 29, 2025 DESIGNED BY: AJH
		Figure No. <b>6</b>



**LEGEND**

 APPROXIMATE RECLAMATION AREA

Source: Google Maps Satellite, 2024.

DOCUMENT PATH: C:\USERS\JMY\HOXMEIER\ONEDRIVE - TETRA TECH, INC\TIT AUSTIN PROJECTS\IRGA #1\IRGA\_1\_BASE.APRX

 <b>TETRA TECH</b> www.tetratech.com 901 West Wall Street, Suite 100 Midland, Texas 79701 Phone: (432) 682-4559 Fax: (432) 682-3946	<b>BTA OIL</b>  APPROXIMATE RELEASE LOCATION (32.303975°, -104.059611°) EDDY COUNTY, NEW MEXICO	PROJECT NO.: 212C-MD-03785 DATE: APRIL 29, 2025 DESIGNED BY: AJH
	<b>RGA #001</b> <b>APPROXIMATE RECLAMATION AREA</b>	Figure No. <b>7</b>

# **TABLES**

TABLE 1  
 SUMMARY OF ANALYTICAL RESULTS  
 SOIL ASSESSMENT AND CONFIRMATION SAMPLING (ENSOLUM) - nAPP2228347919  
 BTA Oil Producers, LLC  
 RGA #1  
 EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride <sup>1</sup>	BTEX <sup>2</sup>		TPH <sup>3</sup>				
				Benzene	Total BTEX	TPH GRO	TPH DRO	TPH ORO	Total TPH (GRO+DRO)	Total TPH (GRO+DRO+ORO)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SS01	10/21/2022	0.5	128	<0.050	13.3	280	2,290	378	2,290	2,290
SS02	10/21/2022	0.5	1,740	<0.050	22.4	452	7,110	1,490	7,110	7,110
SS03	10/21/2022	0.5	320	<0.050	<0.300	13.7	1,200	253	1,200	1,200
SS04	10/21/2022	0.5	240	<0.100	68.5	985	12,400	2,640	12,400	12,400
SS05	10/21/2022	0.5	48.0	<0.050	2.79	231	9,780	2,230	9,780	9,780
SS06	10/21/2022	0.5	32.0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
SS07	10/21/2022	0.5	32.0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
SS08	10/21/2022	0.5	16.0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
SS09	10/21/2022	0.5	32.0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0

**TABLE 1**  
**SUMMARY OF ANALYTICAL RESULTS**  
**SOIL ASSESSMENT AND CONFIRMATION SAMPLING (ENSOLUM) - nAPP2228347919**  
**BTA Oil Producers, LLC**  
**RGA #1**  
**EDDY COUNTY, NM**

Sample ID	Sample Date	Sample Depth	Chloride <sup>1</sup>	BTEX <sup>2</sup>			TPH <sup>3</sup>			
				Benzene	Total BTEX	TPH GRO	TPH DRO	TPH ORO	Total TPH (GRO+DRO)	Total TPH (GRO+DRO+ORO)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		ft. bgs	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
FS01	2/28/2023	3	352	<0.050	<0.300	<10.0	735	287	735	1,022
FS01A	3/30/2023	3.25	96.0	<0.050	<0.300	<10.0	674	142	674	816
FS01B	10/17/2023	3.5	16.0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
FS02	2/28/2023	3	688	<0.050	<0.300	<10.0	564	208	564	772
FS02A	3/30/2023	3.25	288	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
FS03	2/28/2023	3	1,420	<0.050	<0.300	<10.0	92.0	28.5	92.0	121
FS03A	3/30/2023	3.25	96.0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
FS04	2/28/2023	3	1,180	<0.050	<0.300	<10.0	126	51.1	126	177
FS04A	3/30/2023	3.25	1,420	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
FS04B	10/17/2023	3.5	32.0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
FS05	2/28/2023	3	3,920	<0.050	<0.300	<10.0	76.6	25.8	76.6	102
FS05A	3/30/2023	3.25	880	<0.050	<0.300	<10.0	205	26.0	205	231
FS05B	10/17/2023	3.5	48.0	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
FS06	2/28/2023	3	1,100	<0.050	<0.300	<10.0	113	48.3	113	161
FS06A	3/30/2023	3.25	3,040	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
FS07	2/28/2023	3	5,680	<0.050	<0.300	<10.0	20.7	<10.0	20.7	20.7
FS08	2/28/2023	3	11,400	<0.050	<0.300	<10.0	41.7	21.9	41.7	63.6
FS09	2/28/2023	1	3,730	<0.050	<0.300	<10.0	76.2	20.8	76.2	97.0
FS10	2/28/2023	1	1,800	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
FS11	2/28/2023	1	1,840	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
SW01	2/28/2023	0-3	176	<0.050	<0.300	<10.0	222	25.9	222	248
SW02	2/28/2023	0-3	352	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
SW03	2/28/2023	0-3	240	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
SW04	2/28/2023	0-3	192	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
SW05	2/28/2023	0-3	48	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0

**TABLE 1**  
**SUMMARY OF ANALYTICAL RESULTS**  
**SOIL ASSESSMENT AND CONFIRMATION SAMPLING (ENSOLUM) - nAPP2228347919**  
**BTA Oil Producers, LLC**  
**RGA #1**  
**EDDY COUNTY, NM**

Sample ID	Sample Date	Sample Depth	Chloride <sup>1</sup>	BTEX <sup>2</sup>			TPH <sup>3</sup>			
				Benzene	Total BTEX	TPH GRO	TPH DRO	TPH ORO	Total TPH (GRO+DRO)	Total TPH (GRO+DRO+ORO)
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PHO1	10/24/2023	4	736	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
PHO1A	10/24/2023	7	1,640	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
PHO1B	10/24/2023	9	2,600	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
PHO1C	10/24/2023	11	1,460	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
PHO1D	10/24/2023	13	560	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
PHO2	10/24/2023	3	3,840	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
PHO2A	10/24/2023	5	4,960	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
PHO2B	10/24/2023	7	11,000	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
PHO2C	10/24/2023	10	2,600	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
PHO2D	10/24/2023	13	4,560	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
PHO3	10/24/2023	3	4,240	<0.050	<0.300	<10.0	12.4	<10.0	12.4	12.4
PHO3A	10/24/2023	5	1,660	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
PHO3B	10/24/2023	8	3,400	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
PHO3C	10/24/2023	11	2,800	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
PHO3D	10/24/2023	13	256	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
PHO4	10/24/2023	2	256	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0

**NOTES:**

ft.	Feet	TPH	Total Petroleum Hydrocarbons	1	Method SM4500CI-B
bgs	Below ground surface	GRO	Gasoline range organics	2	Method 8021B
mg/kg	Milligrams per kilogram	DRO	Diesel range organics	3	Method 8015M
		ORO	Oil Range Organics		

TABLE 2  
SUMMARY OF ANALYTICAL RESULTS  
SOIL REMEDIATION - nAPP2228347919  
BTA Oil Producers, LLC  
RGA #1  
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride <sup>1</sup>		BTEX <sup>2</sup>								TPH <sup>3</sup>								
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)
					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	2/13/2025	16	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-2	2/13/2025	16	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-3	2/13/2025	16	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-4	2/14/2025	16	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-5	2/17/2025	16	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-6	2/14/2025	16	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-7	2/17/2025	16	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
FS-8	2/17/2025	8	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
SW-1	2/17/2025	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
SW-2	2/17/2025	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
SW-3	2/13/2025	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
SW-4	2/14/2025	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
SW-5	2/17/2025	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
SW-6	2/17/2025	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
SW-7	2/17/2025	-	<16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-
SW-8	2/14/2025	-	<16.0		<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 SM4500CI-B
- 2 Method 8021B
- 3 Method 8015M

***Bold and italicized values indicate exceedance of proposed Remediation RRALS 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 ().

QUALIFIERS:

TABLE 3  
 SUMMARY OF ANALYTICAL RESULTS  
 SOIL BACKFILL - nAPP2228347919  
 BTA Oil Producers, LLC  
 RGA #1  
 EDDY COUNTY, NM

Sample ID	Sample Date	Chloride <sup>1</sup>		BTEX <sup>2</sup>										TPH <sup>3</sup>						
				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	mg/kg	Q	mg/kg	Q	mg/kg
PIT #2	2/17/2025	64.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<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 SM4500CI-B
- 2 Method 8021B
- 3 Method 8015M

# **APPENDIX A**

## **Initial C-141 Form**

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

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

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

Incident ID	nAPP2228347919
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party: BTA Oil Producers, LLC	OGRID: 260297
Contact Name: Bob Hall	Contact Telephone: 432-682-3753
Contact email: bhall@btaoil.com	Incident # (assigned by OCD) nAPP2228347919
Contact mailing address: 104 S. Pecos St., Midland, TX 79701	

### Location of Release Source

Latitude: 32.30386 Longitude: -104.05949

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: RGA #1	Site Type: Well Site
Date Release Discovered: 10/07/2022	API# (if applicable) Nearest well: RGA #1 API #30-015-26151

Unit Letter	Section	Township	Range	County
K	14	23S	28E	Eddy

Surface Owner:  State  Federal  Tribal  Private (Name: Uffie Land Company)

### Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 7 BBL	Volume Recovered (bbls) 5 BBL
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 5 BBL	Volume Recovered (bbls) 3 BBL
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release  
Stuffing Box Failure.  
Spill onto pad immediately around the wellhead and on caliche well pad.

(See attached spill calculation spreadsheet.)

State of New Mexico  
Oil Conservation Division

Incident ID	nAPP2228347919
District RP	
Facility ID	
Application ID	

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

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <b>Bob Hall</b> Title: <b>Environmental Manager</b>  Signature: <u></u> Date: <b>10/10/2022</b>  email: <b>bhall@btaoil.com</b> Telephone: <b>432-682-3753</b>
<b><u>OCD Only</u></b>  Received by: <u>Jocelyn Harimon</u> Date: <u>10/10/2022</u>

**Location** RGA #1 Stuffing Box Leak  
**API #**  
**Spill Date** 10/7/2022

**Spill Dimensions**

**ENTER** - Length of Spill  feet  
**ENTER** - Width of Spill  feet  
**ENTER** - Saturation Depth of Spill  inches  
**ENTER** - Porosity Factor  decimal

**Oil Cut - Well Test / Vessel Throughput or Contents**

Oil   
 Water   
 Calculated Oil Cut

**Volume Recovered in Truck / Containment**

**ENTER** - Recovered Oil  BBL  
**ENTER** - Recovered Water  BBL

**Calculated Values**

Release of Oil in Soil - Unrecovered  BBL  
 Release of Water in Soil - Unrecovered  BBL  
 Unrecovered Total Release  BBL

**Calculated Values**

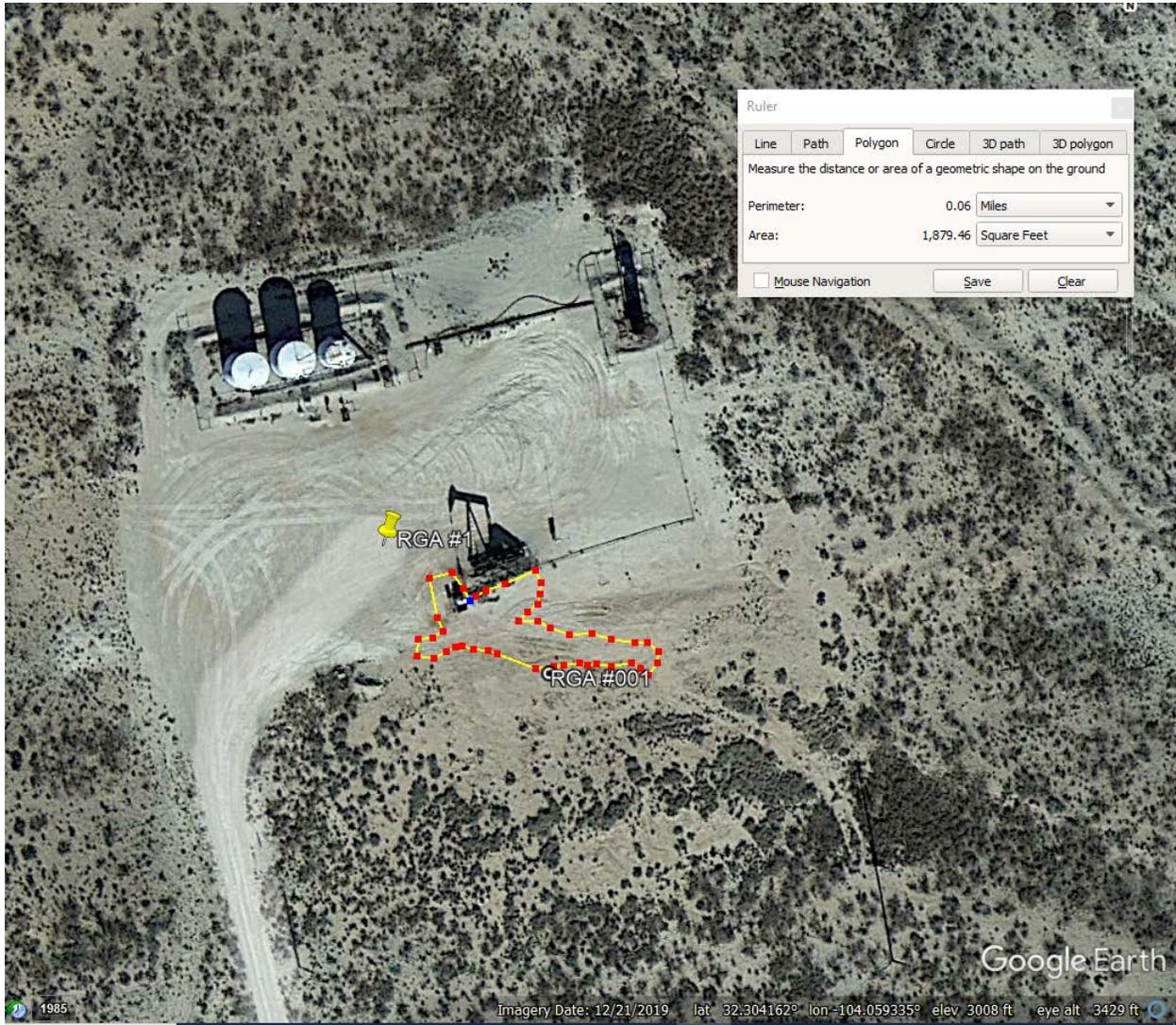
Total Release of Oil  BBL  
 Total Release of Water  BBL  
 Total Release  BBL

Types of Soil	Porosity Factor
Gravel	0.25
Sand	0.20
Clay/silt/sand Mix	0.15
Clay	0.05
Caliche	0.03
Unknown	0.25

$(\text{Length} \times \text{Width} \times \text{Depth} \times 1 \text{ ft}/12 \text{ in}) \times \text{Porosity}$   
 $5.615 \text{ ft}^3 / \text{BBL}$

$\times$  Oil Cut  
 (or Water Cut)

**RGA #1 – Stuffing Box Leak**  
**10/7/2022**



**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 149943

**CONDITIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 149943
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jharimon	None	10/12/2022

**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 149910

**QUESTIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 149910
	Action Type: [NOTIFY] Notification Of Release (NOR)

**QUESTIONS**

<b>Location of Release Source</b>	
<i>Please answer all of the questions in this group.</i>	
Site Name	RGA #1
Date Release Discovered	10/07/2022
Surface Owner	Private

<b>Incident Details</b>	
<i>Please answer all of the questions in this group.</i>	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	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

<b>Nature and Volume of Release</b>	
<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	Cause: Equipment Failure   Producing Well   Crude Oil   Released: 7 BBL   Recovered: 5 BBL   Lost: 2 BBL ]
Produced Water Released (bbls) Details	Cause: Equipment Failure   Producing Well   Produced Water   Released: 5 BBL   Recovered: 3 BBL   Lost: 2 BBL ]
Is the concentration of dissolved 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)	Stuffing Box Failure. Spill onto pad immediately around the wellhead and on caliche well pad.

**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 149910

**QUESTIONS (continued)**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 149910
	Action Type: [NOTIFY] Notification Of Release (NOR)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by 19.15.29.7(A) NMAC	<b>No, minor release.</b>
Reasons why this would be considered a submission for a notification of a major release	
If YES, was immediate notice given to the OCD, by whom	<i>Not answered.</i>
If YES, was immediate notice given to the OCD, to whom	<i>Not answered.</i>
If YES, was immediate notice given to the OCD, when	<i>Not answered.</i>
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	<i>Not answered.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

<b>Initial Response</b>	
<i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i>	
The source of the release has been stopped	<b>True</b>
The impacted area has been secured to protect human health and the environment	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>
<i>Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please 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.</i>	

**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 149910

**ACKNOWLEDGMENTS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 149910
	Action Type: [NOTIFY] Notification Of Release (NOR)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a releases 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 149910

**CONDITIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 149910
	Action Type: [NOTIFY] Notification Of Release (NOR)

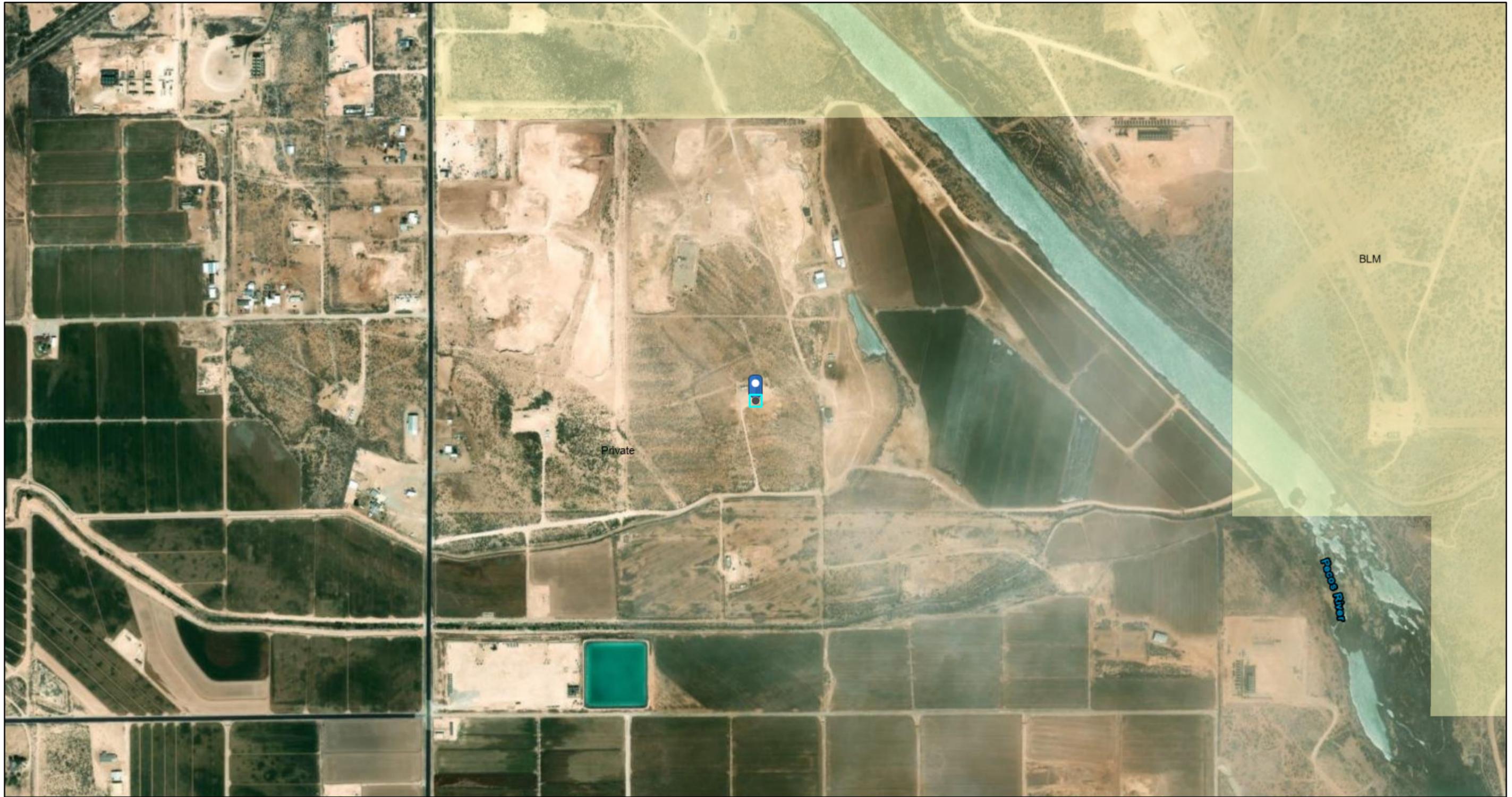
**CONDITIONS**

Created By	Condition	Condition Date
bob hall	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	10/10/2022

# **APPENDIX B**

## **Site Characterization**

# Surface Ownership

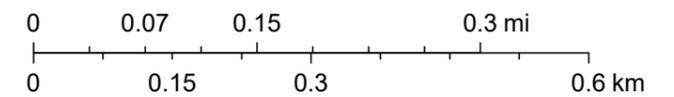


3/13/2025, 10:09:40 AM

Land Ownership

- BLM
- P

1:9,028



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

# National Flood Hazard Layer FIRMette



104°3'53"W 32°18'30"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**
  - 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 3/13/2025 at 3:28 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.

# Permian Basin Karst Areas

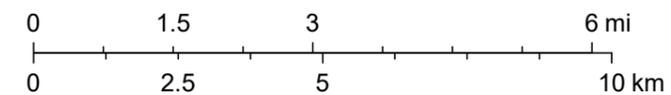


3/13/2025, 10:08:25 AM

1:144,448

Karst Occurrence Potential

-  High
-  Medium
-  Low
-  Critical Karst Resource Area



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



# 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
<a href="#">C 02189</a>		C	ED	NW	NW	SW	14	23S	28E	587985.0	3574572.0 *	●	549	48	29	19
<a href="#">C 03460 POD1</a>		CUB	ED	SW	NW	NE	14	23S	28E	588857.4	3575004.2	●	584	100	38	62
<a href="#">C 00616</a>		CUB	ED	NW	SW	NW	14	23S	28E	587982.0	3574978.0 *	●	717	120	30	90
<a href="#">C 00269</a>		C	ED	SE	SE	NE	15	23S	28E	587778.0	3574773.0 *	●	796	240	35	205
<a href="#">C 00269 CLW199753</a>	O	C	ED	SE	SE	NE	15	23S	28E	587778.0	3574773.0 *	●	796	240	35	205

Average Depth to Water: **33 feet**

Minimum Depth: **29 feet**

Maximum Depth: **38 feet**

**Record Count: 5**

**UTM Filters (in meters):**

**Easting:** 588532.19

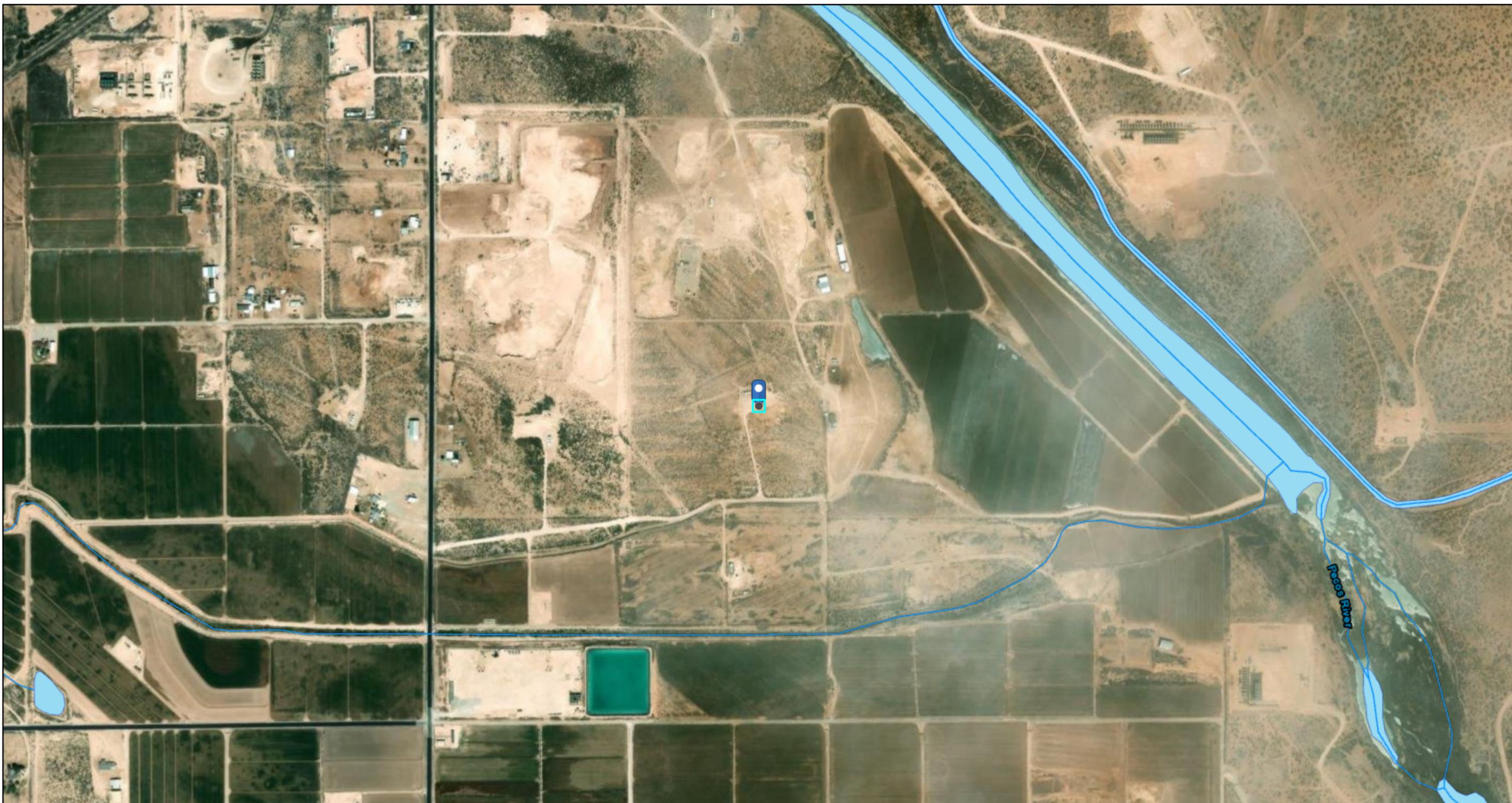
**Northing:** 3574518.18

**Radius:** 800

\* UTM location was derived from PLSS - see Help

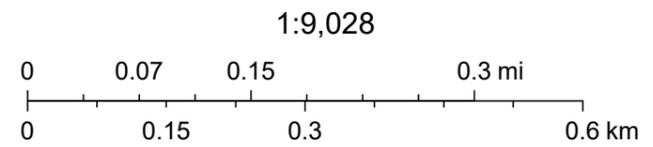
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

# Hydrology



3/13/2025, 10:10:31 AM

- OSW Water Bodys
- OSE Streams



Esri, HERE, Garmin, iPC, Maxar, NM OSE



**U.S. Fish and Wildlife Service**  
**National Wetlands Inventory**

# National Wetlands Inventory Map



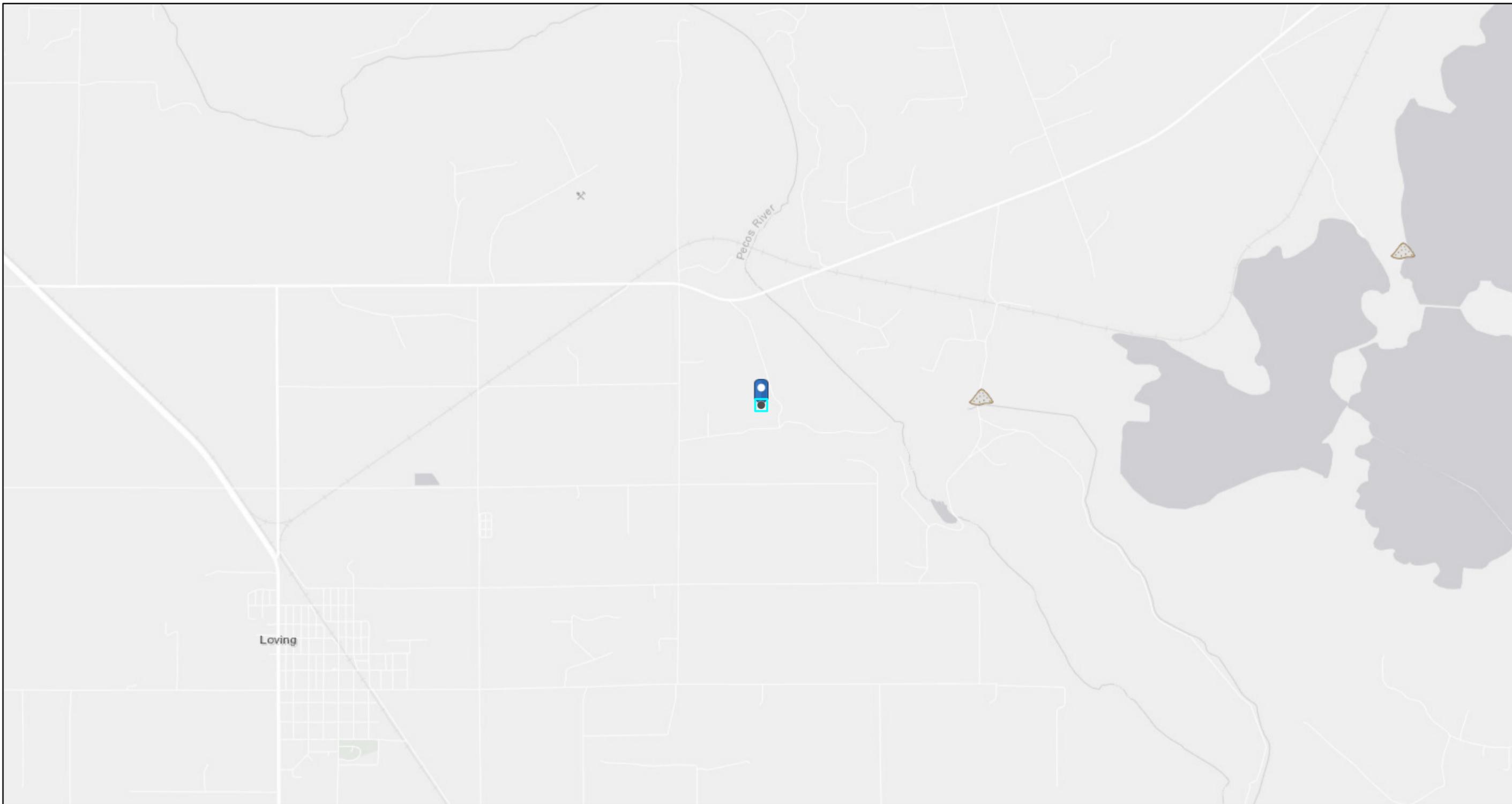
March 13, 2025

### Wetlands

-  Estuarine and Marine Deepwater
-  Freshwater Emergent Wetland
-  Lake
-  Estuarine and Marine Wetland
-  Freshwater Forested/Shrub Wetland
-  Other
-  Freshwater Pond
-  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.

# Active Mines in New Mexico

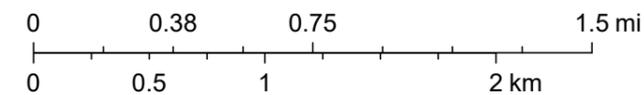


3/13/2025, 10:17:36 AM

Registered Mines

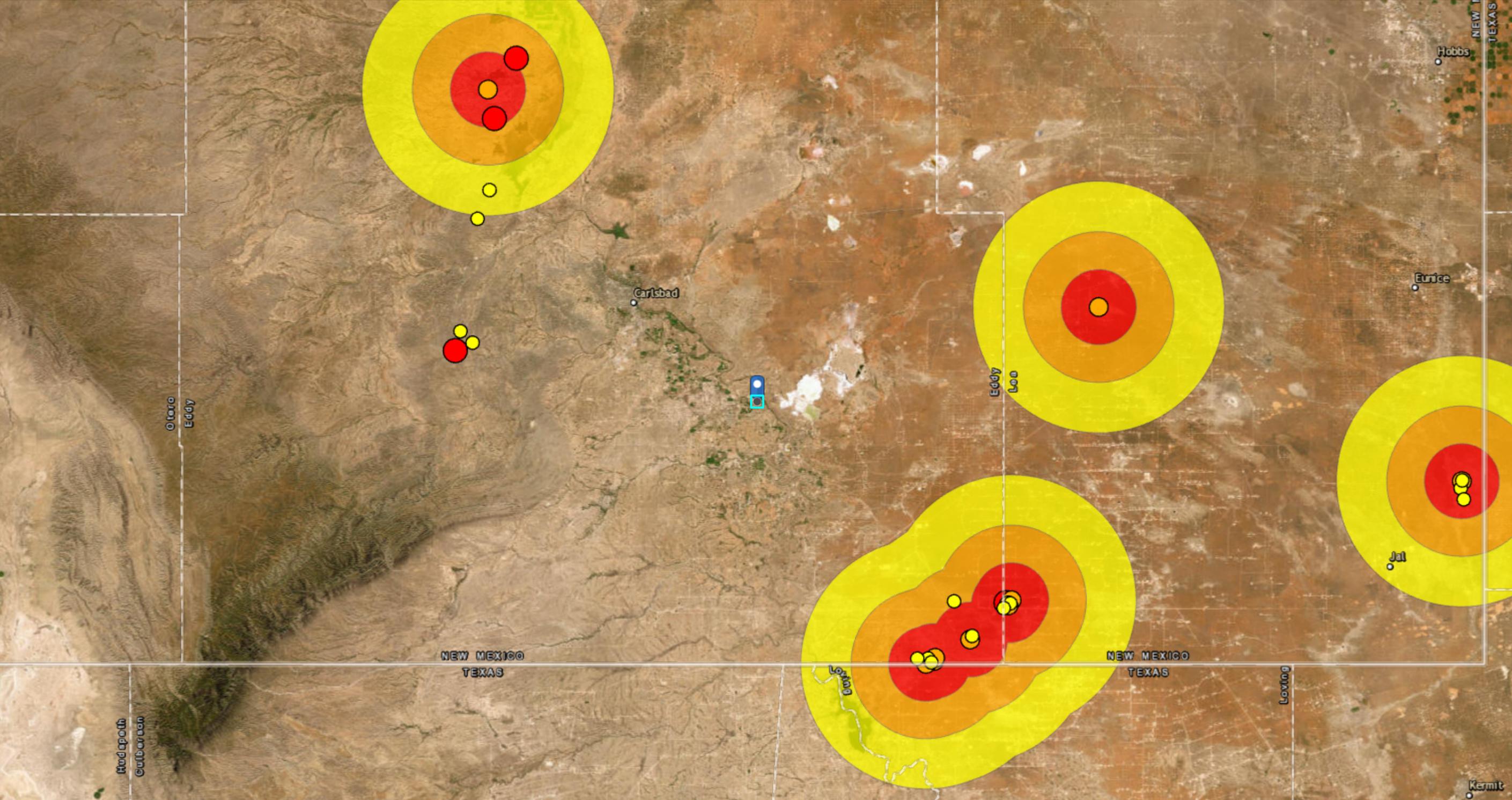
-  Aggregate, Stone etc.
-  Salt

1:36,112



Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, EPA, Esri, HERE

# Induced Seismicity Area

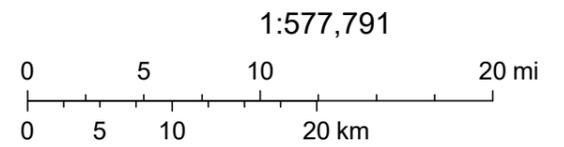


3/13/2025, 10:08:59 AM

Seismic Response 3.0 to 3.4  10 mi.  3.0 - 3.4

3 mi.  M2.5+ Earthquakes (2021+)  3.5 and above

6 mi.  2.5 - 2.9



Oil Conservation Division (OCD), Energy, Minerals and Natural Resources Department (EMNRD), Esri, HERE, Garmin, Earthstar Geographics

# **APPENDIX C**

## **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 337592

**QUESTIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 337592
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2228347919
Incident Name	NAPP2228347919 RGA #1 @ 30-015-26151
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-26151] RGA #001

<b>Location of Release Source</b>	
Site Name	RGA #1
Date Release Discovered	10/07/2022
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	25,500
What is the estimated number of samples that will be gathered	50
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/29/2024
Time sampling will commence	02:00 PM
Please provide any information necessary for observers to contact samplers	hgreen@ensolum.com Sampling dates 4/29/2024-5/3/2024
Please provide any information necessary for navigation to sampling site	N/A

**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 337592

**CONDITIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 337592
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**CONDITIONS**

Created By	Condition	Condition Date
btaenv	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.	4/25/2024

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

Action 430203

**QUESTIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 430203
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2228347919
Incident Name	NAPP2228347919 RGA #1 @ 30-015-26151
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-015-26151] RGA #001

<b>Location of Release Source</b>	
Site Name	RGA #1
Date Release Discovered	10/07/2022
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	2,160
What is the estimated number of samples that will be gathered	16
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/13/2025
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Sampling is expected to take place on Thursday 2/13 through Thursday 2/20. If additional sampling is required due to floor or sidewall expansion, an additional C-141N will be submitted.
Please provide any information necessary for navigation to sampling site	FROM THE INTERSECTION OF CASA ADOBE RD AND S DONALDSON FARM RD, TRAVEL EAST ON CASA ADOBE RD FOR APPROXIMATELY 2225 FT. TURN LEFT AND CONTINUE NORTH ON UNNAMED LEASE RD FOR APPROXIMATELY 585 FT TO ARRIVE AT THE RGA #1 LEASE PAD. CONTINUE EAST ON LEASE PAD FOR APPROXIMATELY 125 FT TO ARRIVE AT SITE GPS 32.303921, -104.059563

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 430203

**CONDITIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 430203
	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.	2/10/2025

# **APPENDIX D**

## **Revised Ensolum Remediation Plan**



November 22, 2023

**New Mexico Oil Conservation Division**

New Mexico Energy, Minerals, and Natural Resources Department  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

**Re: Revised Remediation Work Plan  
RGA #1 Well Site  
Incident Number nAPP2228347919  
Eddy County, New Mexico**

To Whom It May Concern:

Ensolum, LLC (Ensolum) on behalf of BTA Oil Producers, LLC (BTA), has prepared the following *Revised Remediation Work Plan (Revised Work Plan)* for the RGA #1 Well Site (Site) as a follow-up to the *Remediation Work Plan and Deferral Request* submitted to the New Mexico Oil Conservation Division (NMOCD) on April 5, 2023. The NMOCD denied the *Remediation Work Plan and Deferral Request* on August 24, 2023, for the following reasons:

- *Due to the shallow groundwater and presence of light end hydrocarbons, the liner is denied. This release will need to be remediated to the strictest closure criteria from Table 1 of the OCD Spill Rule.*
- *Please safely remove contaminants within the deferral area with alternative methods around oil/gas equipment. Please collect confirmation samples, representing no more than 200 ft<sup>2</sup>. Sidewall/Edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All sidewall samples should be taken from the sidewall of the excavation. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. All off pad areas must meet reclamation standards set forth in the OCD Spill Rule.*

The following *Revised Work Plan* documents the assessment and excavation activities completed to date and proposes delineation of impacted soil associated with a historical pit encountered beneath the release area at the Site.

**SITE DESCRIPTION AND RELEASE SUMMARY**

The Site is located in Unit K, Section 14, Township 23 South, Range 28 East, in Eddy County, New Mexico (32.30386°, -104.05949°; Figure 1) and is associated with oil and gas exploration and production operations on private land owned by Uffie Land Company.

On October 7, 2022, a stuffing box failure on the well head resulted in the release approximately 7 barrels (bbls) of crude oil and 5 bbls of produced water onto the surface of the well pad and adjacent pasture. A vacuum truck was immediately dispatched to the Site to recover the free-standing fluids;

BTA Oil Producers, LLC  
Remediation Work Plan  
RGA #1 Well Site

---

approximately 5 bbls of crude oil and 3 bbls produced water were recovered. BTA reported the release to the NMOCD on a Release Notification Form C-141 (Form C-141) on October 10, 2022. The release was assigned Incident Number nAPP2228347919.

## SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized to assess applicability of Table 1, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are presented on page 3 of the Form C-141, Site Assessment/Characterization. Potential site receptors are identified on Figure 1.

Depth to groundwater at the Site is less than 50 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is United States Geological Survey (USGS) well 321818104032101, located approximately 0.19 miles northeast of the Site. The groundwater well has a reported depth to groundwater of 35 feet bgs. Ground surface elevation at the groundwater well location is 2,981 feet above mean sea level (amsl), which is approximately 26 feet lower in elevation than the Site. All wells used for depth to groundwater determination are presented on Figure 1. The referenced well records are included in Appendix A.

The closest continuously flowing or significant watercourse to the Site is the Pecos River, located approximately 2,095 feet northeast of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is not within a 100-year floodplain or overlying a subsurface mine. The Site is not underlain by unstable geology (medium potential karst designation area). The Site is less than 1,000 feet to a freshwater well. Site receptors are identified on Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

## SITE ASSESSMENT ACTIVITIES

On October 21, 2022, Ensolum personnel completed a Site visit to evaluate the release extent based on information provided on the Form C-141 and visual observations. The released fluids flowed from the well head to the southeast into surrounding pasture. Assessment soil samples SS01 through SS09 were collected within and around the release extent from a depth of approximately 0.5 feet bgs, to assess the extent of the release. The soil samples were field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. The release extent and assessment soil sample locations were mapped utilizing a handheld Global Positioning System (GPS) unit and are depicted on Figure 2. Photographic documentation was completed during the Site visit and a photographic log is included in Appendix B.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported at or below 4 degrees Celsius (°C) under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Carlsbad, New Mexico, for analysis of the following contaminants of concern (COC): BTEX

BTA Oil Producers, LLC  
Remediation Work Plan  
RGA #1 Well Site

---

following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM 4500.

Laboratory analytical results for soil samples SS01 through SS05, collected within the release extent, indicated TPH and/or chloride concentrations exceeded the Site Closure Criteria. Laboratory analytical results for soil samples SS06 through SS09, collected around the release extent, indicated all COC concentrations were compliant with the Site Closure Criteria and successfully defined the lateral extent of the surface release. Laboratory analytical results are summarized in Table 1.

Based on visible staining in the release area and laboratory analytical results for assessment soil samples SS01 through SS05, delineation and excavation activities were warranted.

## EXCAVATION ACTIVITIES

Between February 28, 2023, and October 17, 2023, Ensolum personnel were at the Site to oversee excavation activities based on visible staining in the release area and laboratory analytical results for the assessment soil samples SS01 through SS05. Excavation activities were performed using a backhoe, hydrovac, and transport vehicles. To direct excavation activities, soil was field screened for VOCs and chloride. Excavation was completed in the northern portion of the release extent near the well head; however, visible indications of a historical pit were encountered in the central portion of the release extent at an approximate depth of 2 feet to 3 feet bgs. Upon encountering the historical pit, vertical excavation was halted in this area.

Following excavation of impacted soil, 5-point composite soil samples were collected every 200 square feet from the floor and sidewalls of the excavation. The 5-point composite samples were collected by placing five equivalent aliquots of soil into a 1-gallon, resealable plastic bag and homogenizing the samples by thoroughly mixing. Composite soil samples FS01 through FS11, FS01A through FS06A, and FS01B, FS04B, and FS05B were collected from the floor of the excavation at depths ranging from 1-foot to 3.5 feet bgs. Composite soil samples SW01 through SW05 were collected from the sidewalls of the excavation at depths ranging from the ground surface to 3 feet bgs. The excavation extent and excavation soil sample locations were mapped utilizing a handheld GPS and are presented on Figure 3. Photographic documentation was completed during the excavation activities. A photographic log is included in Appendix B. The soil samples were collected, handled, and analyzed as described above.

Laboratory analytical results for excavation floor samples FS01B, FS02A, FS03A, FS04B, FS05B and excavation sidewall samples SW02 through SW05, collected from the final northern excavation extent, indicated all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results for excavation floor samples FS01/FS01A, FS02, FS03, FS04/FS04A, FS05/FS05A and excavation sidewall sample SW01 initially exceeded the Site Closure Criteria for TPH or chloride; additional soil was removed from these areas and subsequent excavation samples FS01B, FS02A, FS03A, FS04B, FS05B, and SW05 were compliant.

Laboratory analytical results for excavation floor samples FS06A, and FS07 through FS11, indicated that chloride concentrations exceeded the Site Closure Criteria. Due to a historical pit in the area beneath these floor samples, no further excavation was completed. Delineation activities were scheduled to determine the vertical extent of impacted soil associated with the historical pit. Laboratory analytical results for the excavation soil samples are summarized on Table 1.

BTA Oil Producers, LLC  
Remediation Work Plan  
RGA #1 Well Site

---

The excavation measured approximately 2,200 square feet in areal extent. A total of approximately 300 cubic yards of impacted soil was excavated, transported, and properly disposed at R360 Environmental Solutions in Hobbs, New Mexico.

## DELINEATION ACTIVITIES

On October 24, 2023, Ensolum personnel returned to the Site to complete vertical delineation of the historical pit encountered in the floor of the open excavation. Potholes PH01 through PH03 were advanced to a depth of 13 feet bgs within the open excavation near floor samples FS06A, and FS07 through FS10. Refusal with the excavator was encountered at a depth of 13 feet bgs. Pothole PH04 was advanced to a depth of 2 feet bgs within the open excavation near floor sample FS11. Soil from the potholes was field screened at 1-foot intervals for VOCs and chloride. Delineation samples were submitted for laboratory analysis from each pothole from depths ranging from 2 feet to 13 feet bgs. Field screening results and observations from the potholes were documented on lithologic/soil sampling logs, which are included in Appendix C. The pothole locations are presented on Figure 4.

Laboratory analytical results for pothole delineation samples PH01D and PH03D, collected at a depth of 13 feet bgs, and pothole delineation sample PH04, collected at a depth of 2 feet bgs, indicated all COC concentrations were compliant with the Site Closure Criteria and provided vertical delineation of the impacted soil. Laboratory analytical results for pothole delineation sample PH02D, collected at a depth of 13 feet bgs, indicated that chloride concentrations continued to exceed the Site Closure Criteria within the historical pit. The laboratory analytical results are summarized on the attached Table 1 and the complete laboratory analytical reports are included in Appendix D. Based on the excavation and delineation soil sample analytical results and the presence of a historical pit beneath the release extent, additional remediation activities are warranted.

## PROPOSED REMEDIATION WORK PLAN – Option 2 (delineation only)

BTA excavated approximately 300 cubic yards of impacted soil associated with the October 7, 2022, crude oil and produced water release. However, impacted soil associated with a historical buried pit was encountered in the floor of the central portion of the excavation. Analytical results from the delineation soil sampling indicated soil containing elevated chloride concentrations extends to a depth of 13 feet bgs in the areas around potholes PH01 and PH03 and to a depth greater than 13 feet bgs in the area around pothole PH02. The impacted soil below 3 feet bgs is associated with a historical pit containing pieces of liner and concrete and has a discernable visible difference between the recent release and historical impacts.

BTA proposes to complete the following remediation activities:

- Impacted soil has been successfully removed in the northern portion of the release area represented by sidewall samples SW02 through SW05 and floor samples FS01B, FS02A, FS03A, FS04B, and FS05B. BTA proposes to backfill this area. All light end hydrocarbons have been excavated, as requested in the NMOCD denial.
- Impacted soil in the vicinity of floor soil sample FS11/pothole PH02 will be excavated to a depth of 2 feet bgs. Confirmation sampling of the excavation will be completed as previously described.
- Vertical delineation of impacted soil to below the Site Closure Criteria will be completed via drilling rig at the location of pothole PH04. Lateral delineation of impacted soil to below the Site Closure Criteria will be completed via drilling rig to define the lateral extent of the historical pit.
  - Soil from the boreholes will be field screened at 1-foot intervals for VOCs and chloride using Hach®. Field screening results and observations will be logged on lithologic/soil

BTA Oil Producers, LLC  
Remediation Work Plan  
RGA #1 Well Site

sampling logs. Two delineation samples from each borehole will be submitted for laboratory analysis; the sample with the highest field screening result and the sample from the final borehole depth. The delineation samples will be analyzed for BTEX, TPH, and chloride.

- o Upon completion of delineation activities, the boreholes will be properly abandoned with hydrated bentonite chips.
- The proposed excavation and backfill areas, and lateral delineation points are depicted on Figure 5.

BTA will complete the delineation activities within 90 days of the date of approval of this *Revised Work Plan* by the NMOCD. Based on the delineation data, a follow-up *Remediation Work Plan* will be submitted to the NMOCD proposing additional remedial activities. NMOCD Notifications are included in Appendix E and the Form C-141 is included in Appendix F.

If you have any questions or comments, please contact Ms. Tacoma Morrissey at (337) 257-8307 or tmorrissey@ensolum.com.

Sincerely,  
**Ensolum, LLC**



Hadlie Green  
Project Geologist



Aimee Cole  
Senior Managing Scientist

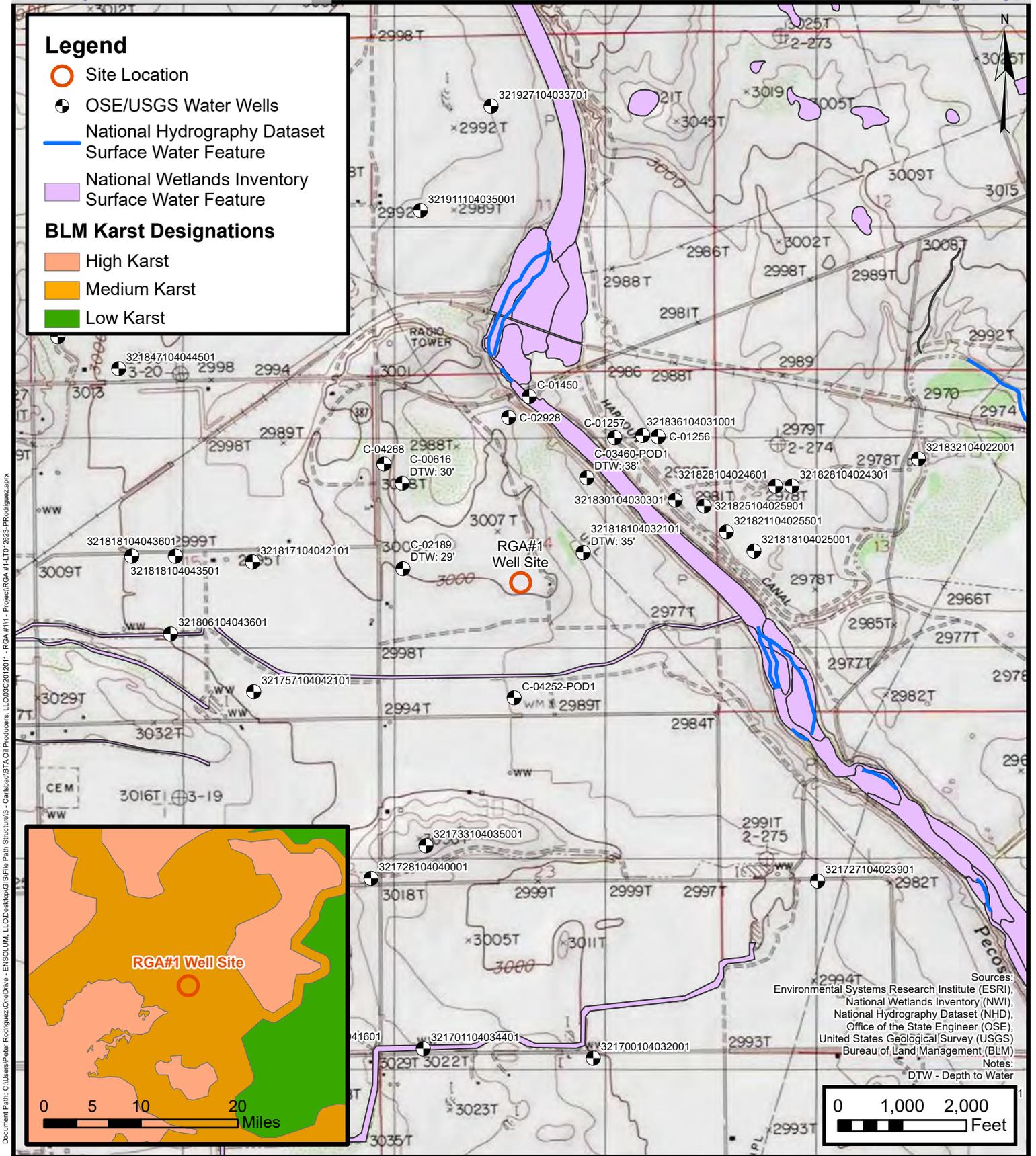
cc: Kelton Beaird, BTA  
Uffie Land Company

Appendices:

Figure 1	Site Receptor Map
Figure 2	Assessment Soil Sample Locations
Figure 3	Excavation Soil Sample Locations
Figure 4	Delineation Soil Sample Locations
Figure 5	Proposed Excavation and Delineation Locations
Table 1	Soil Sample Analytical Results
Appendix A	Referenced Well Records
Appendix B	Photographic Log
Appendix C	Lithologic Soil Sampling Logs
Appendix D	Laboratory Analytical Reports & Chain-of-Custody Documentation
Appendix E	NMOCD Notifications
Appendix F	Form C-141



FIGURES



Document Path: C:\Users\Peter.Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\GIS\File Path Structures\3 - Candidates\BTA Oil Producers, LLC\20250212011 - RGA #11 - Project\RGA #1\LT012623-Prod\rodriguez.aprx



**Site Receptor Map**

BTA Oil Producers, LLC  
 RGA #1 Well Site  
 Incident Number: NAPP2228347919  
 Unit K, Sec 14, T23S, R28E  
 Eddy County, New Mexico

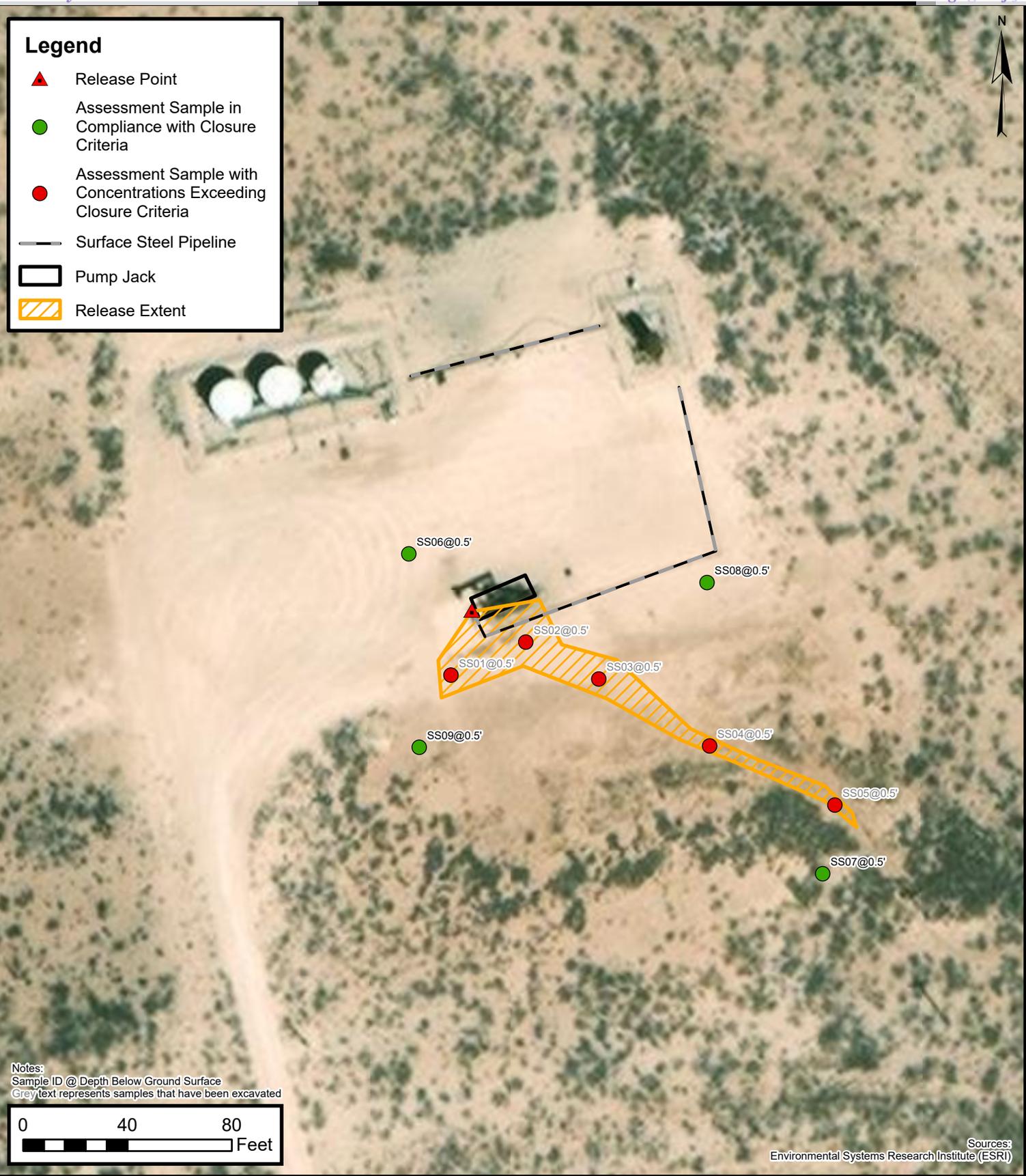
**FIGURE**  
**1**

### Legend

- ▲ Release Point
- Assessment Sample in Compliance with Closure Criteria
- Assessment Sample with Concentrations Exceeding Closure Criteria
- Surface Steel Pipeline
- Pump Jack
- ▨ Release Extent



Document Path: C:\Users\Peter.Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\GIS\File Path Structure3 - Carlsbad\BTA Oil Producers, LLC\2022\2021-1 - RGA #11 - Project\RGA #11\2023-Prod\fig2.aprx



Notes:  
 Sample ID @ Depth Below Ground Surface  
 Grey text represents samples that have been excavated



Sources:  
 Environmental Systems Research Institute (ESRI)



## Assessment Soil Sample Locations

BTA Oil Producers, LLC  
 RGA #1 Well Site  
 Incident Number: NAPP2228347919  
 Unit K, Sec 14, T23S, R28E  
 Eddy County, New Mexico

FIGURE  
 2



### Legend

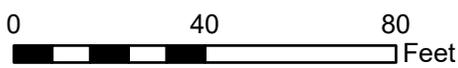
- ▲ Release Point
- Delineation Sample in Compliance with Closure Criteria
- Delineation Sample with Concentrations Initially Exceeding Closure Criteria
- Delineation Sample with Concentrations Exceeding Closure Criteria
- Surface Steel Pipeline
- Pump Jack
- Excavation Extent



Document Path: C:\Users\Peter.Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\GIS\File Path Structure3 - Cambada\BTA Oil Producers, LLC\2022\2021-5GA #11 - Project\RGA #1\LT012623-Prod\fig4.aprx



Notes:  
 Sample ID @ Depth Below Ground Surface  
 Concentrations in **bold** exceed the NMOCD Table I  
 Closure Criteria or reclamation standard where applicable



Sources:  
 Environmental Systems Research Institute (ESRI)



## Delineation Soil Sample Locations

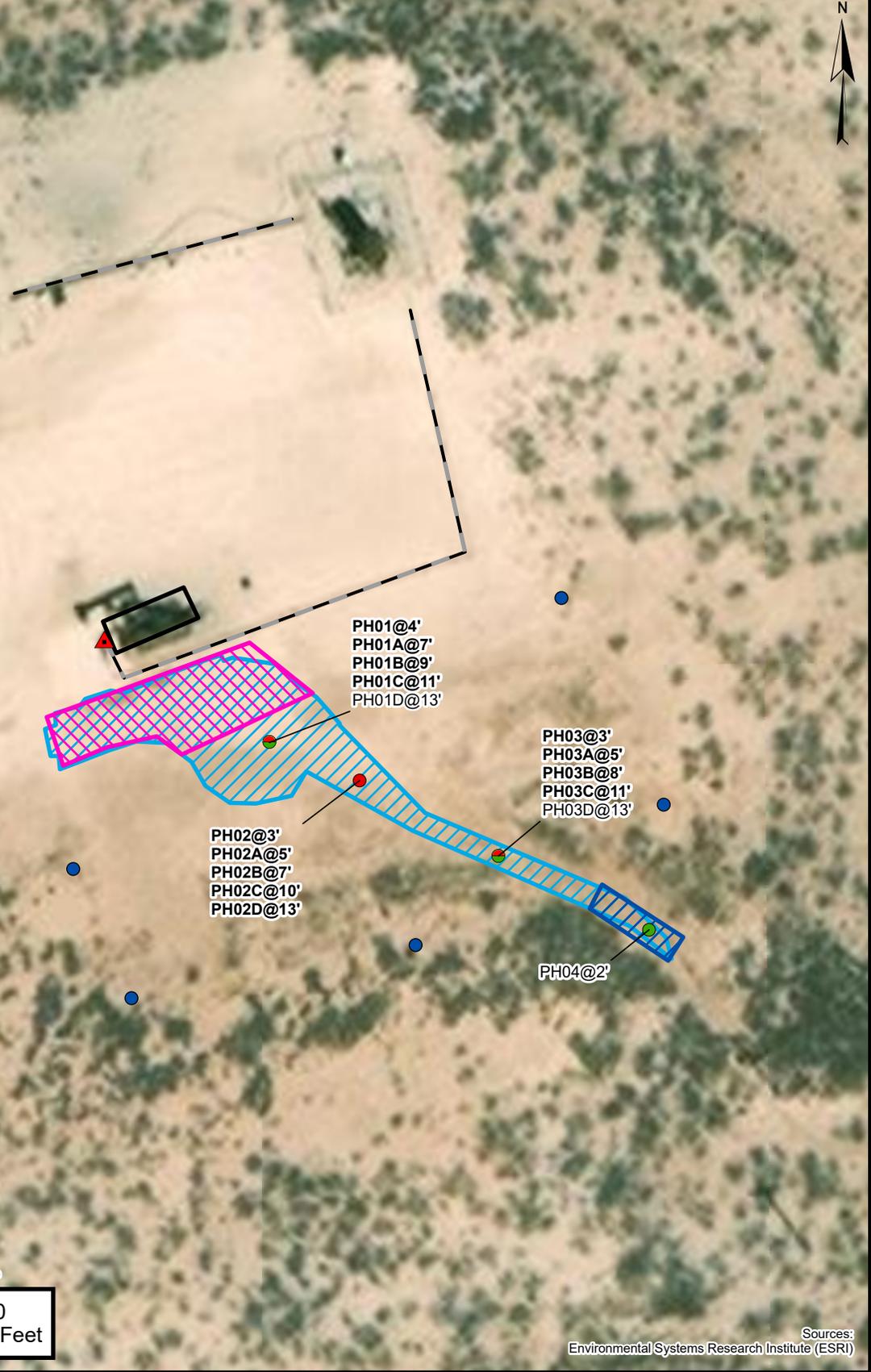
BTA Oil Producers, LLC  
 RGA #1 Well Site  
 Incident Number: NAPP2228347919  
 Unit K, Sec 14, T23S, R28E  
 Eddy County, New Mexico

FIGURE  
 4

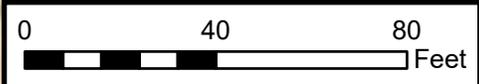
Document Path: C:\Users\Peter.Rodriguez\OneDrive - ENSOLUM, LLC\Desktop\GIS\BTA Oil Producers, LLC\2023\2023-Prod\Rodriguez.aprx

**Legend**

- Release Point
- Delineation Sample in Compliance with Closure Criteria
- Delineation Sample with Concentrations Initially Exceeding Closure Criteria
- Delineation Sample with Concentrations Exceeding Closure Criteria
- Proposed Lateral Delineation Point
- Surface Steel Pipeline
- Pump Jack
- Excavation Extent
- Proposed Excavation Area (to 2 feet bgs)
- Proposed Backfill Area



Notes:  
 Sample ID @ Depth Below Ground Surface  
 Concentrations in **bold** exceed the NMOCD Table I  
 Closure Criteria or reclamation standard where applicable



Sources:  
 Environmental Systems Research Institute (ESRI)

**Proposed Delineation and Excavation**

BTA Oil Producers, LLC  
 RGA #1 Well Site  
 Incident Number: NAPP2228347919  
 Unit K, Sec 14, T23S, R28E  
 Eddy County, New Mexico

**FIGURE**  
**5**



TABLES



**TABLE I  
SOIL SAMPLE ANALYTICAL RESULTS  
RGA #1 Well Site  
BTA Oil Producers, LLC  
Eddy County, New Mexico**

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
<b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Assessment Soil Samples</b>										
SS01	10/21/2022	0.5	<0.050	13.3	280	2,290	378	2,290	2,290	128
SS02	10/21/2022	0.5	<0.050	22.4	452	7,110	1,490	7,110	7,110	1,740
SS03	10/21/2022	0.5	<0.050	<0.300	13.7	1,200	253	1,200	1,200	320
SS04	10/21/2022	0.5	<0.100	68.5	985	12,400	2,640	12,400	12,400	240
SS05	10/21/2022	0.5	<0.050	2.79	231	9,780	2,230	9,780	9,780	48.0
SS06	10/21/2022	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS07	10/21/2022	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SS08	10/21/2022	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SS09	10/21/2022	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
<b>Excavation Floor Soil Samples</b>										
FS01	02/28/2023	3	<0.050	<0.300	<10.0	735	287	735	1,022	352
FS01A	03/30/2023	3.25	<0.050	<0.300	<10.0	674	142	674	816	96.0
FS01B	10/17/2023	3.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
FS02	02/28/2023	3	<0.050	<0.300	<10.0	564	208	564	772	688
FS02A	03/30/2023	3.25	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
FS03	02/28/2023	3	<0.050	<0.300	<10.0	92.0	28.5	92.0	121	1,420
FS03A	03/30/2023	3.25	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
FS04	02/28/2023	3	<0.050	<0.300	<10.0	126	51.1	126	177	1,180
FS04A	03/30/2023	3.25	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,420
FS04B	10/17/2023	3.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
FS05	02/28/2023	3	<0.050	<0.300	<10.0	76.6	25.8	76.6	102	3,920
FS05A	03/30/2023	3.25	<0.050	<0.300	<10.0	205	26.0	205	231	880
FS05B	10/17/2023	3.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
FS06	02/28/2023	3	<0.050	<0.300	<10.0	113	48.3	113	161	1,100
FS06A	03/30/2023	3.25	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,040
FS07	02/28/2023	3	<0.050	<0.300	<10.0	20.7	<10.0	20.7	20.7	5,680
FS08	02/28/2023	3	<0.050	<0.300	<10.0	41.7	21.9	41.7	63.6	11,400
FS09	02/28/2023	1	<0.050	<0.300	<10.0	76.2	20.8	76.2	97.0	3,730
FS10	02/28/2023	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,800
FS11	02/28/2023	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,840



**TABLE I  
SOIL SAMPLE ANALYTICAL RESULTS  
RGA #1 Well Site  
BTA Oil Producers, LLC  
Eddy County, New Mexico**

Sample I.D.	Sample Date	Sample Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
<b>NMOCD Table I Closure Criteria (NMAC 19.15.29)</b>			<b>10</b>	<b>50</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>100</b>	<b>600</b>
<b>Excavation Sidewall Soil Samples</b>										
SW01	02/28/2023	0 - 3	<0.050	<0.300	<10.0	222	25.9	222	248	176
SW02	02/28/2023	0 - 3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
SW03	02/28/2023	0 - 3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SW04	02/28/2023	0 - 3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SW05	10/17/2023	0 - 3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
<b>Delineation Soil Samples</b>										
PH01	10/24/2023	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>736</b>
PH01A	10/24/2023	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>1,640</b>
PH01B	10/24/2023	9	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>2,600</b>
PH01C	10/24/2023	11	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>1,460</b>
PH01D	10/24/2023	13	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560
PH02	10/24/2023	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>3,840</b>
PH02A	10/24/2023	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>4,960</b>
PH02B	10/24/2023	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>11,000</b>
PH02C	10/24/2023	10	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>2,600</b>
PH02D	10/24/2023	13	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>4,560</b>
PH03	10/24/2023	3	<0.050	<0.300	<10.0	12.4	<10.0	12.4	12.4	<b>4,240</b>
PH03A	10/24/2023	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>1,660</b>
PH03B	10/24/2023	8	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>3,400</b>
PH03C	10/24/2023	11	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<b>2,800</b>
PH03D	10/24/2023	13	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
PH04	10/24/2023	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

Concentrations in **bold** exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.

GRO: Gasoline Range Organics

DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

Gray text represents samples that have been excavated



## APPENDIX A

### Referenced Well Records

---



USGS Home  
Contact USGS  
Search USGS

## National Water Information System: Web Interface

USGS Water Resources

Data Category:  Geographic Area:

Click to hide News Bulletins

- Explore the *NEW* [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#)

Groundwater levels for the Nation

Important: [Next Generation Monitoring Location Page](#)

### Search Results -- 1 sites found

site\_no list =

- 321818104032101

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

### USGS 321818104032101 23S.28E.14.32222

Available data for this site

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°18'18", Longitude 104°03'21" NAD27

Land-surface elevation 2,981 feet above NAVD88

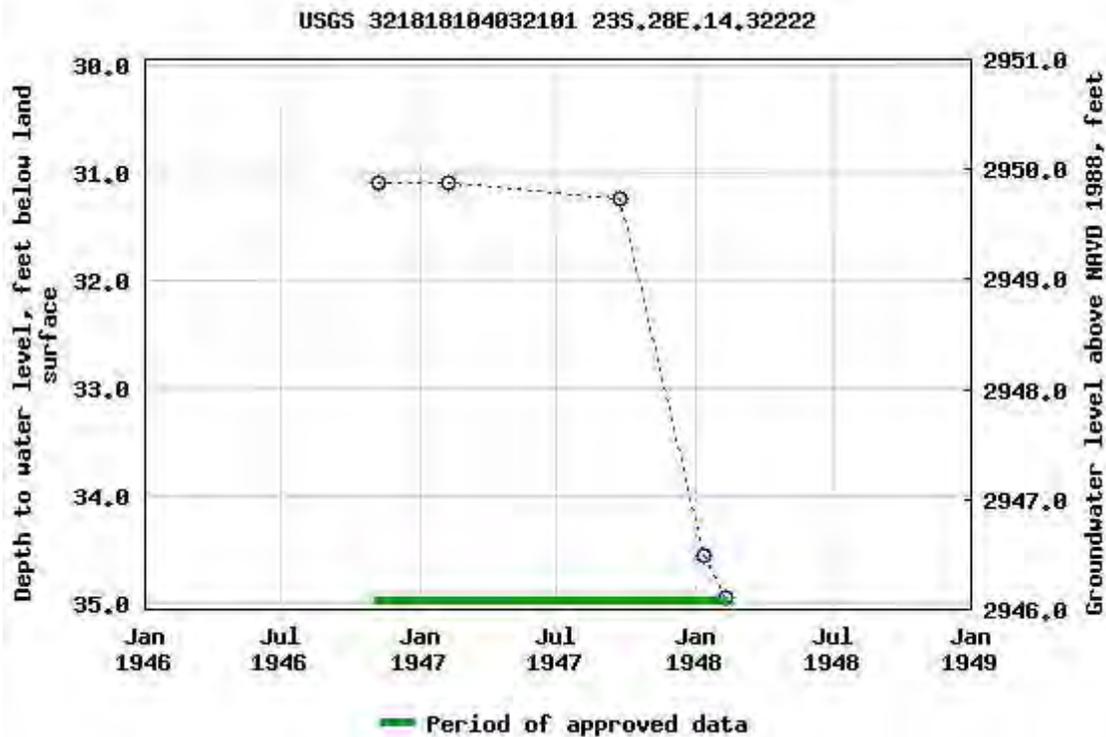
The depth of the well is 100 feet below land surface.

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

#### Output formats

<a href="#">Table of data</a>
<a href="#">Tab-separated data</a>
<a href="#">Graph of data</a>
<a href="#">Reselect period</a>



Breaks in the plot represent a gap of at least one year between field measurements.  
[Download a presentation-quality graph](#)

- [Questions about sites/data?](#)
- [Feedback on this web site](#)
- [Automated retrievals](#)
- [Help](#)
- [Data Tips](#)
- [Explanation of terms](#)
- [Subscribe for system changes](#)
- [News](#)

[Accessibility](#)   [FOIA](#)   [Privacy](#)   [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

**Title: Groundwater for USA: Water Levels**

**URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>**



Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2023-04-05 10:09:58 EDT

0.65 0.59 nadww01



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)				(NAD83 UTM in meters)
<b>Well Tag</b>	<b>POD Number</b>	(quarters are smallest to largest)				
		<b>Q64 Q16 Q4 Sec Tws Rng</b>	<b>X</b>	<b>Y</b>		
C	02189	1 1 3 14 23S 28E	587985	3574572*		

<b>Driller License:</b> 803	<b>Driller Company:</b> SPRUILL BROTHERS DRILLING	
<b>Driller Name:</b> NORMAN SPRUILL		
<b>Drill Start Date:</b> 03/12/1990	<b>Drill Finish Date:</b> 03/12/1990	<b>Plug Date:</b> 03/13/1990
<b>Log File Date:</b> 04/20/1990	<b>PCW Rcv Date:</b>	<b>Source:</b> Shallow
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b> 2 GPM
<b>Casing Size:</b> 8.63	<b>Depth Well:</b> 48 feet	<b>Depth Water:</b> 29 feet

Water Bearing Stratifications:	Top	Bottom	Description
	37	41	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	21	48

\*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.

4/5/23 8:08 AM

POINT OF DIVERSION SUMMARY



## APPENDIX B

### Photographic Log

---



**Photographic Log**  
BTA Oil Producers, LLC  
RGA #1 Well Site  
Incident Number nAPP2228347919



Date & Time: Fri, Oct 21, 2022, 18:36:06 MDT  
Position: 33.223164 N, -104.826266 W (+22455.76)  
Altitude: 3009ft (+3.5ft)  
Datum: WGS 84  
Azimuth Bearing: 282° NNEW 100ft True 34.2°  
Elevation Angle: -16.4°  
Horizon Angle: -0.6°  
Zoom: 1.0X  
RGA 1



Feb 28, 2023 at 15:11:13  
+32.303900, -104.059410  
305° NW  
Altitude: 3011.7ft  
Speed: 1.8mph

Photograph: 1 Date: 10/21/2022  
Description: Soil staining in release footprint  
View: Northwest

Photograph: 2 Date: 2/28/2023  
Description: Excavation Activities  
View: Northwest



Feb 28, 2023 at 08:17:33  
+32.303951, -104.059687  
337° NW  
Altitude: 3006.4ft  
Speed: 1.8mph



Date & Time: Tue, Oct 24, 2023 at 11:17:57 MDT  
Position: 33.230683 N, -104.059338 W (+11.6ft)  
Altitude: 3016ft (+9.8ft)  
Datum: WGS 84  
Azimuth Bearing: 081° NNEE 0907mm True 1.2°  
Elevation Angle: 74.6°  
Horizon Angle: 30.6°  
Zoom: 0.5X  
BH05 at 12' legs  
Maraha O Dell

Photograph: 3 Date: 2/28/2023  
Description: Excavation Activities  
View: East

Photograph: 4 Date: 10/24/2023  
Description: Delineation activities  
View: East



## APPENDIX C

### Lithologic Soil Sampling Logs

---

							Sample Name: PH01		Date: 10/24/2023	
							Site Name: RGA #1			
							Incident Number: nAPP2228347919			
							Job Number: 03C2012011			
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>							Logged By: M. O'Dell		Method: Excavator	
Coordinates: 32.303931, -104.059456							Hole Diameter: N/A		Total Depth: 13'	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.										
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions		
						0				
					2	2		OLD LINER @ 2'		
					3					
D	2,374.4	0	N	PH01	4	4	CCHE	CCHE. Pad material		
D	2,374.4	0	N		5					
D	2,072.0	0	N		6	6	SW	Sand. Tannish brown, very fine to fine grained, well graded, dry.		
D	1,573.6	0	N	PH01A	7					
D	2,721.6	0	N		8	8				
D	4,093.6	0	N	PH01B	9					
D	2,374.4	0	N		10	10				
D	2,620.8	0	N	PH01C	11					
D	1,719.2	0	N		12	12				
D	2,374.4	0	N	PH01D	13			Excavator Refusal at 13'.		
						14				
						16				
						18				
						20				
						22				
						24				

							Sample Name: PH02		Date: 10/24/2023	
							Site Name: RGA #1			
							Incident Number: nAPP2228347919			
							Job Number: 03C2012011			
LITHOLOGIC / SOIL SAMPLING LOG							Logged By: M. O'Dell		Method: Excavator	
Coordinates: 32.303883, -104.059404							Hole Diameter: N/A		Total Depth: 13'	
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.										
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions		
						0				
D	3,757.6	0	N		2	2	SW	Sand. Brown, very fine to fine grained well graded, dry. OLD LINER @ 2'		
D	3,124.8	0	N	PH02	3					
D	5,684.0	0	N		4					
D	6,669.6	0	N	PH02A	5		CCHE	CCHE. Pad material		
D	9,996.0	0	N		6	6				
D	12,896.8	0	N	PH02B	7					
D	7,828.8	0	N		8	8				
D	8,489.6	0	N		9					
D	3,152.8	0	N	PH02C	10	10	SW	Sand. Tannish brown, very fine to fine grained, well graded, dry		
D	5,684.0	0	N		11					
D	5,684.0	0	N		12	12				
D	4,832.8	0	N	PH02D	13			Excavator Refusal at 13'.		
						14				
						16				
						18				
						20				
						22				
						24				

							Sample Name: PH03	Date: 10/24/2023
							Site Name: RGA #1	
							Incident Number: nAPP2228347919	
							Job Number: 03C2012011	
LITHOLOGIC / SOIL SAMPLING LOG							Logged By: M. O'Dell	Method: Excavator
Coordinates: 32.303827, -104.059288							Hole Diameter: N/A	Total Depth: 13'
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
						0		
D	6,669.6	0	N		2	2	SW	Sand. Brown, very fine to fine grained well graded, dry. OLD LINER @ 2'
D	3,757.6	0	N	PH03	3			
D	10,869.9	0	N		4	4	SW/CCHE	Sand. Brown, very fine to fine grained well graded, dry, caliche in sample.
D	11,827.2	0	N	PH03A	5		CCHE	CCHE. Pad material
D	8,489.6	0	N		6	6		
D	7,828.8	0	N		7			
D	6,669.6	0	N	PH03B	8	8		
D	5,241.6	0	N		9			
D	3,757.6	0	N		10	10		
D	2,878.4	0	N	PH03C	11			
D	3,757.6	0	N		12	12		
D	2,620.8	0	N	PH03D	13			Excavator Refusal at 13'.
						14		
						16		
						18		
						20		
						22		
						24		

		Sample Name: PH04		Date: 10/24/2023				
		Site Name: RGA #1						
		Incident Number: nAPP2228347919						
		Job Number: 03C2012011						
<b>LITHOLOGIC / SOIL SAMPLING LOG</b>								
Coordinates: 32.303772, -104.059161			Logged By: M. O'Dell		Method: Excavator			
			Hole Diameter: N/A		Total Depth: 2'			
Comments: Field screening conducted with HACH Chloride Test Strips and PID for chloride and vapor, respectively. Chloride test performed with 1:4 dilution factor of soil to distilled water. No correction factors included.								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample ID	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithologic Descriptions
D	263.2	0	N	PH04	2	0 2 4 6 8 10 12 14 16 18 20 22 24	SW	Sand. Brown, very fine to fine grained, well graded, dry.



## APPENDIX D

### Laboratory Analytical Reports & Chain of Custody Documentation

---



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

---

November 01, 2022

HADLIE GREEN  
ENSOLUM, LLC  
705 W WADLEY AVE.  
MIDLAND, TX 79705

RE: RGA #1

Enclosed are the results of analyses for samples received by the laboratory on 10/24/22 14:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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](http://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:**

ENSOLUM, LLC  
 HADLIE GREEN  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	10/24/2022	Sampling Date:	10/21/2022
Reported:	11/01/2022	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA		

**Sample ID: SS 01 .5' (H224994-01)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2022	ND	1.95	97.7	2.00	11.3		
<b>Toluene*</b>	<b>0.255</b>	0.050	10/31/2022	ND	2.12	106	2.00	11.9		
<b>Ethylbenzene*</b>	<b>1.99</b>	0.050	10/31/2022	ND	2.10	105	2.00	12.5	GC-NC1	
<b>Total Xylenes*</b>	<b>11.1</b>	0.150	10/31/2022	ND	6.28	105	6.00	12.4	GC-NC1	
<b>Total BTEX</b>	<b>13.3</b>	0.300	10/31/2022	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 348 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>128</b>	16.0	10/27/2022	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>280</b>	50.0	10/28/2022	ND	191	95.5	200	1.86		
<b>DRO &gt;C10-C28*</b>	<b>2290</b>	50.0	10/28/2022	ND	192	96.1	200	2.07		
<b>EXT DRO &gt;C28-C36</b>	<b>378</b>	50.0	10/28/2022	ND						

Surrogate: 1-Chlorooctane 118 % 45.3-161

Surrogate: 1-Chlorooctadecane 160 % 46.3-178

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:**

ENSOLUM, LLC  
 HADLIE GREEN  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 10/24/2022  
 Reported: 11/01/2022  
 Project Name: RGA #1  
 Project Number: 03C2012011  
 Project Location: BTA

Sampling Date: 10/21/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SS 02 .5' (H224994-02)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2022	ND	1.95	97.7	2.00	11.3		
<b>Toluene*</b>	<b>1.33</b>	0.050	10/31/2022	ND	2.12	106	2.00	11.9		
<b>Ethylbenzene*</b>	<b>2.37</b>	0.050	10/31/2022	ND	2.10	105	2.00	12.5	GC-NC1	
<b>Total Xylenes*</b>	<b>18.7</b>	0.150	10/31/2022	ND	6.28	105	6.00	12.4	GC-NC1	
<b>Total BTEX</b>	<b>22.4</b>	0.300	10/31/2022	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 315 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>1740</b>	16.0	10/27/2022	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>452</b>	50.0	10/28/2022	ND	191	95.5	200	1.86		
<b>DRO &gt;C10-C28*</b>	<b>7110</b>	50.0	10/28/2022	ND	192	96.1	200	2.07		
<b>EXT DRO &gt;C28-C36</b>	<b>1490</b>	50.0	10/28/2022	ND						

Surrogate: 1-Chlorooctane 135 % 45.3-161

Surrogate: 1-Chlorooctadecane 182 % 46.3-178

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:**

ENSOLUM, LLC  
 HADLIE GREEN  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 10/24/2022  
 Reported: 11/01/2022  
 Project Name: RGA #1  
 Project Number: 03C2012011  
 Project Location: BTA

Sampling Date: 10/21/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SS 03 .5' (H224994-03)**

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	10/31/2022	ND	1.95	97.7	2.00	11.3	
Toluene*	<0.050	0.050	10/31/2022	ND	2.12	106	2.00	11.9	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.10	105	2.00	12.5	
<b>Total Xylenes*</b>	<b>0.249</b>	0.150	10/31/2022	ND	6.28	105	6.00	12.4	GC-NC1
Total BTEX	<0.300	0.300	10/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>320</b>	16.0	10/27/2022	ND	400	100	400	11.3	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10*</b>	<b>13.7</b>	10.0	10/28/2022	ND	191	95.5	200	1.86	
<b>DRO &gt;C10-C28*</b>	<b>1200</b>	10.0	10/28/2022	ND	192	96.1	200	2.07	
<b>EXT DRO &gt;C28-C36</b>	<b>253</b>	10.0	10/28/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 149 % 46.3-178

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:**

ENSOLUM, LLC  
 HADLIE GREEN  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 10/24/2022  
 Reported: 11/01/2022  
 Project Name: RGA #1  
 Project Number: 03C2012011  
 Project Location: BTA

Sampling Date: 10/21/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SS 04 .5' (H224994-04)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.100	0.100	10/31/2022	ND	1.97	98.5	2.00	11.1		
<b>Toluene*</b>	<b>1.96</b>	0.100	10/31/2022	ND	2.21	111	2.00	11.2		
<b>Ethylbenzene*</b>	<b>10.3</b>	0.100	10/31/2022	ND	2.12	106	2.00	11.8	3C-NC1, QM-0;	
<b>Total Xylenes*</b>	<b>56.3</b>	0.300	10/31/2022	ND	6.39	107	6.00	12.4	3C-NC1, QM-0;	
<b>Total BTEX</b>	<b>68.5</b>	0.600	10/31/2022	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 338 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>240</b>	16.0	10/27/2022	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>985</b>	50.0	10/28/2022	ND	191	95.5	200	1.86		
<b>DRO &gt;C10-C28*</b>	<b>12400</b>	50.0	10/28/2022	ND	192	96.1	200	2.07		
<b>EXT DRO &gt;C28-C36</b>	<b>2640</b>	50.0	10/28/2022	ND						

Surrogate: 1-Chlorooctane 191 % 45.3-161

Surrogate: 1-Chlorooctadecane 276 % 46.3-178

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:**

ENSOLUM, LLC  
 HADLIE GREEN  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	10/24/2022	Sampling Date:	10/21/2022
Reported:	11/01/2022	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA		

**Sample ID: SS 05 .5' (H224994-05)**

BTEX 8021B		mg/kg		Analyzed By: JH				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/31/2022	ND	1.97	98.5	2.00	11.1		
<b>Toluene*</b>	<b>0.081</b>	0.050	10/31/2022	ND	2.21	111	2.00	11.2		
<b>Ethylbenzene*</b>	<b>0.297</b>	0.050	10/31/2022	ND	2.12	106	2.00	11.8	GC-NC1	
<b>Total Xylenes*</b>	<b>2.41</b>	0.150	10/31/2022	ND	6.39	107	6.00	12.4	GC-NC1	
<b>Total BTEX</b>	<b>2.79</b>	0.300	10/31/2022	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 181 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>48.0</b>	16.0	10/27/2022	ND	400	100	400	11.3		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10*</b>	<b>231</b>	50.0	10/28/2022	ND	191	95.5	200	1.86		
<b>DRO &gt;C10-C28*</b>	<b>9780</b>	50.0	10/28/2022	ND	192	96.1	200	2.07		
<b>EXT DRO &gt;C28-C36</b>	<b>2230</b>	50.0	10/28/2022	ND						

Surrogate: 1-Chlorooctane 121 % 45.3-161

Surrogate: 1-Chlorooctadecane 226 % 46.3-178

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

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
- 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.

*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

BILL TO

ANALYSIS REQUEST

Company Name: Ensolum, LLC  
 Project Manager: Heddie Green  
 Address: 601 N. Marientfield St. STE 400  
 City: Midland State: TX Zip: 79701  
 Phone #: 432-557-8895 Fax #: 805 798 2608  
 Project #: 0302012011 Project Owner: BTA  
 Project Name: RGA #1  
 Project Location:  
 Sampler Name: Connor Whitman  
 P.O. #: Company: BTA 01  
 Attn: Bob Hall  
 Address: 1045 Peers St.  
 City: Midland State: TX Zip: 79701  
 Phone #: 431-312-2203 Fax #:

Lab I.D.	Sample I.D.	Sample Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	TPH	Chloride
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H224994	5501	5'	G	1	/	/	/	/	/	10/21/22	905	/	/	/	
	5502			1	/	/	/	/	/		910	/	/	/	
	5503			1	/	/	/	/	/		935	/	/	/	
	5504			1	/	/	/	/	/		940	/	/	/	
	5505			1	/	/	/	/	/		1030	/	/	/	

PLEASE NOTE: Labels and Containers, Cardinal's facility 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *Conor* Date: 10/24/22 Received By: *Stedri Green*  
 Relinquished By: *Conor* Date: 1/4/22 Received By: *Stedri Green*

Delivered By: (Circle One) Observed Temp.: 1.2 Sample Condition: Cool Intact  Yes  No  
 Corrected Temp.: 0.6  
 Turnaround Time: Standard  Rush   
 Thermometer ID #113 Bacteria (only)  Cool Intact  Yes  No  
 Correction Factor: -0.5°C  NC  No  
 Observed Temp.: °C Sample Condition: Observed Temp.: °C  
 Corrected Temp.: °C

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



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

October 31, 2022

HADLIE GREEN  
ENSOLUM, LLC  
705 W WADLEY AVE.  
MIDLAND, TX 79705

RE: RGA #1

Enclosed are the results of analyses for samples received by the laboratory on 10/24/22 14:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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](http://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,

Celey D. Keene  
Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC  
 HADLIE GREEN  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	10/24/2022	Sampling Date:	10/21/2022
Reported:	10/31/2022	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA		

**Sample ID: SS 06 .5' (H224995-01)**

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	10/31/2022	ND	1.97	98.5	2.00	11.1		
Toluene*	<0.050	0.050	10/31/2022	ND	2.21	111	2.00	11.2		
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.12	106	2.00	11.8		
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.39	107	6.00	12.4		
Total BTEX	<0.300	0.300	10/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

Chloride, SM4500Cl-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	10/27/2022	ND	400	100	400	11.3		

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	10/28/2022	ND	191	95.5	200	1.86		
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	192	96.1	200	2.07		
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND						

Surrogate: 1-Chlorooctane 89.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.1 % 46.3-178

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:**

ENSOLUM, LLC  
 HADLIE GREEN  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received:	10/24/2022	Sampling Date:	10/21/2022
Reported:	10/31/2022	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA		

**Sample ID: SS 07 .5' (H224995-02)**

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	10/31/2022	ND	1.97	98.5	2.00	11.1		
Toluene*	<0.050	0.050	10/31/2022	ND	2.21	111	2.00	11.2		
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.12	106	2.00	11.8		
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.39	107	6.00	12.4		
Total BTEX	<0.300	0.300	10/31/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500Cl-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	10/27/2022	ND	400	100	400	11.3		

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	10/28/2022	ND	191	95.5	200	1.86		
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	192	96.1	200	2.07		
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND						

Surrogate: 1-Chlorooctane 87.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.8 % 46.3-178

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:**

ENSOLUM, LLC  
 HADLIE GREEN  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 10/24/2022  
 Reported: 10/31/2022  
 Project Name: RGA #1  
 Project Number: 03C2012011  
 Project Location: BTA

Sampling Date: 10/21/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SS 08 .5' (H224995-03)**

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	10/31/2022	ND	1.97	98.5	2.00	11.1	
Toluene*	<0.050	0.050	10/31/2022	ND	2.21	111	2.00	11.2	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.12	106	2.00	11.8	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.39	107	6.00	12.4	
Total BTEX	<0.300	0.300	10/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>16.0</b>	16.0	10/27/2022	ND	400	100	400	11.3	

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	10/28/2022	ND	191	95.5	200	1.86	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	192	96.1	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					

Surrogate: 1-Chlorooctane 88.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.6 % 46.3-178

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:**

ENSOLUM, LLC  
 HADLIE GREEN  
 705 W WADLEY AVE.  
 MIDLAND TX, 79705  
 Fax To:

Received: 10/24/2022  
 Reported: 10/31/2022  
 Project Name: RGA #1  
 Project Number: 03C2012011  
 Project Location: BTA

Sampling Date: 10/21/2022  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SS 09 .5' (H224995-04)**

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	10/31/2022	ND	1.97	98.5	2.00	11.1	
Toluene*	<0.050	0.050	10/31/2022	ND	2.21	111	2.00	11.2	
Ethylbenzene*	<0.050	0.050	10/31/2022	ND	2.12	106	2.00	11.8	
Total Xylenes*	<0.150	0.150	10/31/2022	ND	6.39	107	6.00	12.4	
Total BTEX	<0.300	0.300	10/31/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

Chloride, SM4500Cl-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	10/27/2022	ND	400	100	400	11.3	

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	10/28/2022	ND	191	95.5	200	1.86	
DRO >C10-C28*	<10.0	10.0	10/28/2022	ND	192	96.1	200	2.07	
EXT DRO >C28-C36	<10.0	10.0	10/28/2022	ND					

Surrogate: 1-Chlorooctane 85.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.8 % 46.3-178

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

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager





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

---

March 06, 2023

HADLIE GREEN

ENSOLUM

3122 NATIONAL PARKS HWY

CARLSBAD, NM 88220

RE: RGA #1

Enclosed are the results of analyses for samples received by the laboratory on 03/01/23 13:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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](http://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 style.

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM  
 HADLIE GREEN  
 3122 NATIONAL PARKS HWY  
 CARLSBAD NM, 88220  
 Fax To:

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS 01 3' (H230956-01)**

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	03/03/2023	ND	2.10	105	2.00	0.101	
Toluene*	<0.050	0.050	03/03/2023	ND	2.08	104	2.00	0.128	
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	2.03	101	2.00	0.133	
Total Xylenes*	<0.150	0.150	03/03/2023	ND	6.20	103	6.00	0.989	
Total BTEX	<0.300	0.300	03/03/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	352	16.0	03/02/2023	ND	416	104	400	3.77	

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	03/02/2023	ND	217	109	200	3.19	
<b>DRO &gt;C10-C28*</b>	<b>735</b>	10.0	03/02/2023	ND	215	107	200	5.35	
<b>EXT DRO &gt;C28-C36</b>	<b>287</b>	10.0	03/02/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 148 % 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:**

ENSOLUM  
 HADLIE GREEN  
 3122 NATIONAL PARKS HWY  
 CARLSBAD NM, 88220  
 Fax To:

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS 02 3' (H230956-02)**

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	03/03/2023	ND	2.10	105	2.00	0.101		
Toluene*	<0.050	0.050	03/03/2023	ND	2.08	104	2.00	0.128		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	2.03	101	2.00	0.133		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	6.20	103	6.00	0.989		
Total BTEX	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	
<b>Chloride</b>	<b>688</b>	16.0	03/02/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10*	<10.0	10.0	03/02/2023	ND	217	109	200	3.19			
<b>DRO &gt;C10-C28*</b>	<b>564</b>	10.0	03/02/2023	ND	215	107	200	5.35			
<b>EXT DRO &gt;C28-C36</b>	<b>208</b>	10.0	03/02/2023	ND							

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 150 % 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:**

ENSOLUM  
 HADLIE GREEN  
 3122 NATIONAL PARKS HWY  
 CARLSBAD NM, 88220  
 Fax To:

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS 03 3' (H230956-03)**

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	03/03/2023	ND	2.10	105	2.00	0.101		
Toluene*	<0.050	0.050	03/03/2023	ND	2.08	104	2.00	0.128		
Ethylbenzene*	<0.050	0.050	03/03/2023	ND	2.03	101	2.00	0.133		
Total Xylenes*	<0.150	0.150	03/03/2023	ND	6.20	103	6.00	0.989		
Total BTEX	<0.300	0.300	03/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	
<b>Chloride</b>	<b>1420</b>	16.0	03/02/2023	ND	416	104	400	3.77		

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	03/02/2023	ND	217	109	200	3.19		
<b>DRO &gt;C10-C28*</b>	<b>92.0</b>	10.0	03/02/2023	ND	215	107	200	5.35		
<b>EXT DRO &gt;C28-C36</b>	<b>28.5</b>	10.0	03/02/2023	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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:**

ENSOLUM  
 HADLIE GREEN  
 3122 NATIONAL PARKS HWY  
 CARLSBAD NM, 88220  
 Fax To:

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS 04 3' (H230956-04)**

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	03/02/2023	ND	2.10	105	2.00	0.912	
Toluene*	<0.050	0.050	03/02/2023	ND	2.06	103	2.00	3.81	
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	2.19	110	2.00	4.67	QM-07
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.73	112	6.00	5.20	QM-07
Total BTEX	<0.300	0.300	03/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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
<b>Chloride</b>	<b>1180</b>	16.0	03/02/2023	ND	416	104	400	3.77	

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	03/02/2023	ND	217	109	200	3.19	
<b>DRO &gt;C10-C28*</b>	<b>126</b>	10.0	03/02/2023	ND	215	107	200	5.35	
<b>EXT DRO &gt;C28-C36</b>	<b>51.1</b>	10.0	03/02/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 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:**

ENSOLUM  
 HADLIE GREEN  
 3122 NATIONAL PARKS HWY  
 CARLSBAD NM, 88220  
 Fax To:

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS 05 3' (H230956-05)**

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	03/02/2023	ND	2.10	105	2.00	0.912		
Toluene*	<0.050	0.050	03/02/2023	ND	2.06	103	2.00	3.81		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	2.19	110	2.00	4.67		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.73	112	6.00	5.20		
Total BTEX	<0.300	0.300	03/02/2023	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	
<b>Chloride</b>	<b>3920</b>	16.0	03/02/2023	ND	416	104	400	3.77		

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	03/02/2023	ND	217	109	200	3.19		
<b>DRO &gt;C10-C28*</b>	<b>76.6</b>	10.0	03/02/2023	ND	215	107	200	5.35		
<b>EXT DRO &gt;C28-C36</b>	<b>25.8</b>	10.0	03/02/2023	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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:**

ENSOLUM  
 HADLIE GREEN  
 3122 NATIONAL PARKS HWY  
 CARLSBAD NM, 88220  
 Fax To:

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS 06 3' (H230956-06)**

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	03/02/2023	ND	2.10	105	2.00	0.912	
Toluene*	<0.050	0.050	03/02/2023	ND	2.06	103	2.00	3.81	
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	2.19	110	2.00	4.67	
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.73	112	6.00	5.20	
Total BTEX	<0.300	0.300	03/02/2023	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
<b>Chloride</b>	<b>1100</b>	16.0	03/02/2023	ND	416	104	400	3.77	

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	03/02/2023	ND	217	109	200	3.19	
<b>DRO &gt;C10-C28*</b>	<b>113</b>	10.0	03/02/2023	ND	215	107	200	5.35	
<b>EXT DRO &gt;C28-C36</b>	<b>48.3</b>	10.0	03/02/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 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:**

ENSOLUM  
 HADLIE GREEN  
 3122 NATIONAL PARKS HWY  
 CARLSBAD NM, 88220  
 Fax To:

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS 07 3' (H230956-07)**

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	03/02/2023	ND	2.10	105	2.00	0.912		
Toluene*	<0.050	0.050	03/02/2023	ND	2.06	103	2.00	3.81		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	2.19	110	2.00	4.67		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.73	112	6.00	5.20		
Total BTEX	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	
<b>Chloride</b>	<b>5680</b>	16.0	03/02/2023	ND	416	104	400	3.77		

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	03/02/2023	ND	217	109	200	3.19		
<b>DRO &gt;C10-C28*</b>	<b>20.7</b>	10.0	03/02/2023	ND	215	107	200	5.35		
EXT DRO >C28-C36	<10.0	10.0	03/02/2023	ND						

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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:**

ENSOLUM  
 HADLIE GREEN  
 3122 NATIONAL PARKS HWY  
 CARLSBAD NM, 88220  
 Fax To:

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS 08 3' (H230956-08)**

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	03/02/2023	ND	2.10	105	2.00	0.912		
Toluene*	<0.050	0.050	03/02/2023	ND	2.06	103	2.00	3.81		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	2.19	110	2.00	4.67		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.73	112	6.00	5.20		
Total BTEX	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	
<b>Chloride</b>	<b>11400</b>	16.0	03/02/2023	ND	432	108	400	3.77	QM-07	

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	03/02/2023	ND	217	109	200	3.19		
<b>DRO &gt;C10-C28*</b>	<b>41.7</b>	10.0	03/02/2023	ND	215	107	200	5.35		
<b>EXT DRO &gt;C28-C36</b>	<b>21.9</b>	10.0	03/02/2023	ND						

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:**

ENSOLUM  
 HADLIE GREEN  
 3122 NATIONAL PARKS HWY  
 CARLSBAD NM, 88220  
 Fax To:

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS 09 1' (H230956-09)**

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	03/02/2023	ND	2.10	105	2.00	0.912		
Toluene*	<0.050	0.050	03/02/2023	ND	2.06	103	2.00	3.81		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	2.19	110	2.00	4.67		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.73	112	6.00	5.20		
Total BTEX	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	
<b>Chloride</b>	<b>3730</b>	16.0	03/02/2023	ND	432	108	400	3.77		

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	03/02/2023	ND	217	109	200	3.19		
<b>DRO &gt;C10-C28*</b>	<b>76.2</b>	10.0	03/02/2023	ND	215	107	200	5.35		
<b>EXT DRO &gt;C28-C36</b>	<b>20.8</b>	10.0	03/02/2023	ND						

Surrogate: 1-Chlorooctane 94.8 % 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

**Analytical Results For:**

ENSOLUM  
 HADLIE GREEN  
 3122 NATIONAL PARKS HWY  
 CARLSBAD NM, 88220  
 Fax To:

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS 10 1' (H230956-10)**

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	03/02/2023	ND	2.10	105	2.00	0.912		
Toluene*	<0.050	0.050	03/02/2023	ND	2.06	103	2.00	3.81		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	2.19	110	2.00	4.67		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.73	112	6.00	5.20		
Total BTEX	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	1800	16.0	03/02/2023	ND	432	108	400	3.77		

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	03/02/2023	ND	217	109	200	3.19		
DRO >C10-C28*	<10.0	10.0	03/02/2023	ND	215	107	200	5.35		
EXT DRO >C28-C36	<10.0	10.0	03/02/2023	ND						

Surrogate: 1-Chlorooctane 99.8 % 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:**

ENSOLUM  
 HADLIE GREEN  
 3122 NATIONAL PARKS HWY  
 CARLSBAD NM, 88220  
 Fax To:

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS 11 1' (H230956-11)**

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	03/02/2023	ND	2.10	105	2.00	0.912		
Toluene*	<0.050	0.050	03/02/2023	ND	2.06	103	2.00	3.81		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	2.19	110	2.00	4.67		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.73	112	6.00	5.20		
Total BTEX	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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	1840	16.0	03/02/2023	ND	432	108	400	3.77		

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	03/02/2023	ND	217	109	200	3.19		
DRO >C10-C28*	<10.0	10.0	03/02/2023	ND	215	107	200	5.35		
EXT DRO >C28-C36	<10.0	10.0	03/02/2023	ND						

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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:**

ENSOLUM  
 HADLIE GREEN  
 3122 NATIONAL PARKS HWY  
 CARLSBAD NM, 88220  
 Fax To:

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - EDDY CO NM		

**Sample ID: SW 01 0-3' (H230956-12)**

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	03/02/2023	ND	2.10	105	2.00	0.912	
Toluene*	<0.050	0.050	03/02/2023	ND	2.06	103	2.00	3.81	
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	2.19	110	2.00	4.67	
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.73	112	6.00	5.20	
Total BTEX	<0.300	0.300	03/02/2023	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
<b>Chloride</b>	<b>176</b>	16.0	03/02/2023	ND	432	108	400	3.77	

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	03/02/2023	ND	223	112	200	7.63	
<b>DRO &gt;C10-C28*</b>	<b>222</b>	10.0	03/02/2023	ND	213	107	200	9.33	
<b>EXT DRO &gt;C28-C36</b>	<b>25.9</b>	10.0	03/02/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:**

ENSOLUM  
 HADLIE GREEN  
 3122 NATIONAL PARKS HWY  
 CARLSBAD NM, 88220  
 Fax To:

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - EDDY CO NM		

**Sample ID: SW 02 0-3' (H230956-13)**

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	03/02/2023	ND	2.10	105	2.00	0.912	
Toluene*	<0.050	0.050	03/02/2023	ND	2.06	103	2.00	3.81	
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	2.19	110	2.00	4.67	
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.73	112	6.00	5.20	
Total BTEX	<0.300	0.300	03/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	352	16.0	03/02/2023	ND	432	108	400	3.77	

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	03/02/2023	ND	223	112	200	7.63	
DRO >C10-C28*	<10.0	10.0	03/02/2023	ND	213	107	200	9.33	
EXT DRO >C28-C36	<10.0	10.0	03/02/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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:**

ENSOLUM  
 HADLIE GREEN  
 3122 NATIONAL PARKS HWY  
 CARLSBAD NM, 88220  
 Fax To:

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - EDDY CO NM		

**Sample ID: SW 03 0-3' (H230956-14)**

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	03/02/2023	ND	2.10	105	2.00	0.912		
Toluene*	<0.050	0.050	03/02/2023	ND	2.06	103	2.00	3.81		
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	2.19	110	2.00	4.67		
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.73	112	6.00	5.20		
Total BTEX	<0.300	0.300	03/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	240	16.0	03/02/2023	ND	432	108	400	3.77		

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	03/02/2023	ND	223	112	200	7.63		
DRO >C10-C28*	<10.0	10.0	03/02/2023	ND	213	107	200	9.33		
EXT DRO >C28-C36	<10.0	10.0	03/02/2023	ND						

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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:**

ENSOLUM  
 HADLIE GREEN  
 3122 NATIONAL PARKS HWY  
 CARLSBAD NM, 88220  
 Fax To:

Received:	03/01/2023	Sampling Date:	02/28/2023
Reported:	03/06/2023	Sampling Type:	Soil
Project Name:	RGA #1	Sampling Condition:	Cool & Intact
Project Number:	03C2012011	Sample Received By:	Shalyn Rodriguez
Project Location:	BTA - EDDY CO NM		

**Sample ID: SW 04 0-3' (H230956-15)**

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	03/02/2023	ND	2.10	105	2.00	0.912	
Toluene*	<0.050	0.050	03/02/2023	ND	2.06	103	2.00	3.81	
Ethylbenzene*	<0.050	0.050	03/02/2023	ND	2.19	110	2.00	4.67	
Total Xylenes*	<0.150	0.150	03/02/2023	ND	6.73	112	6.00	5.20	
Total BTEX	<0.300	0.300	03/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	192	16.0	03/02/2023	ND	432	108	400	3.77	

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	03/02/2023	ND	223	112	200	7.63	
DRO >C10-C28*	<10.0	10.0	03/02/2023	ND	213	107	200	9.33	
EXT DRO >C28-C36	<10.0	10.0	03/02/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- 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.

*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

Page 2 of 2

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Ensolum, LLC  
 Project Manager: Hadlie Green  
 Address: 3122 Nat'l Parks Hwy  
 City: Carlsbad State: NM Zip: 88220  
 Phone #: 432-557-8895 Fax #: 432-312-2203  
 Project #: 03C2012011 Project Owner:  
 Project Name: RGA #1 City: Midland State: TX Zip: 79701  
 Project Location: 32-30386, -104-05949 Phone #: 432-312-2203  
 Sampler Name: Meredith Roberts Fax #:  
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	BTEX	Chlorides	TPH
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H230956	FS11	1'	C	1							X	0825	X	X	X	
	SW01	0-3'									X	1345	X	X	X	
	SW02										X	1350	X	X	X	
	SW03										X	1355	X	X	X	
	SW04										X		X	X	X	

PLEASE NOTE: Liability and Damages, Contract's, liability and clients exclusive remedy for any claim arising under this contract or tort shall be limited to the amount paid by the client for the service. 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *Hadlie Green* Date: 3-18-23 Received By: *Spotlight* Date: 3-18-23  
 Relinquished By: *Spotlight* Received By: *Spotlight* Date: 3-18-23

Delivered By: (Circle One) Observed Temp. °C: 3.5 Sample Condition: Intact  
 Corrected Temp. °C: 2.9 Cool Intact  
 Sampler - UPS - Bus - Other: No No No No  
 CHECKED BY: (Initials) *SG*  
 Turnaround Time: Standard  Rush   
 Thermometer ID #113 Bacteria (only) Sample Condition: Cool Intact Observed Temp. °C:  Yes  No Corrected Temp. °C:  Yes  No  
 Verbal Result:  Yes  No Add'l Phone #: *nrberts@ensolum.com*  
 All Results are emailed. Please provide Email address: *nrberts@ensolum.com*  
 REMARKS: Incident II: NAPP2228347919  
 † Cardinal cannot accept verbal changes. Please email changes to *celey.keene@cardinallabsnm.com*



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

April 04, 2023

HADLIE GREEN  
ENSOLUM, LLC  
705 W WADLEY AVE.  
MIDLAND, TX 79705

RE: RGA #1

Enclosed are the results of analyses for samples received by the laboratory on 03/30/23 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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](http://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:**

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: RGA #1 Project Number: 03C2012011 Project Manager: HADLIE GREEN Fax To:	Reported: 04-Apr-23 13:50
--	---	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
FS 01 A 3.25'	H231477-01	Soil	30-Mar-23 10:30	30-Mar-23 14:00
FS 02 A 3.25'	H231477-02	Soil	30-Mar-23 10:35	30-Mar-23 14:00
FS 03 A 3.25'	H231477-03	Soil	30-Mar-23 10:40	30-Mar-23 14:00
FS 04 A 3.25'	H231477-04	Soil	30-Mar-23 10:45	30-Mar-23 14:00
FS 05 A 3.25'	H231477-05	Soil	30-Mar-23 10:50	30-Mar-23 14:00
FS 06 A 3.25'	H231477-06	Soil	30-Mar-23 10:55	30-Mar-23 14:00

\*\*\* There was insufficient time for the samples to reach the temperature of 6C or below.

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:**

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: RGA #1 Project Number: 03C2012011 Project Manager: HADLIE GREEN Fax To:	Reported: 04-Apr-23 13:50
--	---	------------------------------

**FS 01 A 3.25'  
H231477-01 (Soil)**

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

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	3033115	AC	31-Mar-23	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	3033029	JH	30-Mar-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3033029	JH	30-Mar-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3033029	JH	30-Mar-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3033029	JH	30-Mar-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3033029	JH	30-Mar-23	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		3033029	JH	30-Mar-23	8021B	
---------------------------------------	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	
<b>DRO &gt;C10-C28*</b>	<b>674</b>		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	
<b>EXT DRO &gt;C28-C36</b>	<b>142</b>		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	

Surrogate: 1-Chlorooctane			98.6 %	48.2-134		3033027	MS	31-Mar-23	8015B	
---------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

Surrogate: 1-Chlorooctadecane			130 %	49.1-148		3033027	MS	31-Mar-23	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:**

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: RGA #1 Project Number: 03C2012011 Project Manager: HADLIE GREEN Fax To:	Reported: 04-Apr-23 13:50
--	---	------------------------------

**FS 02 A 3.25'**  
**H231477-02 (Soil)**

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

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>288</b>		16.0	mg/kg	4	3033115	AC	31-Mar-23	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	3033029	JH	30-Mar-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3033029	JH	30-Mar-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3033029	JH	30-Mar-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3033029	JH	30-Mar-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3033029	JH	30-Mar-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		3033029	JH	30-Mar-23	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			93.1 %	48.2-134		3033027	MS	31-Mar-23	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			107 %	49.1-148		3033027	MS	31-Mar-23	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:**

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: RGA #1 Project Number: 03C2012011 Project Manager: HADLIE GREEN Fax To:	Reported: 04-Apr-23 13:50
--	---	------------------------------

**FS 03 A 3.25'**  
**H231477-03 (Soil)**

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

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>96.0</b>		16.0	mg/kg	4	3033115	AC	31-Mar-23	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	3033029	JH	30-Mar-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3033029	JH	30-Mar-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3033029	JH	30-Mar-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3033029	JH	30-Mar-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3033029	JH	30-Mar-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		3033029	JH	30-Mar-23	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.7 %	48.2-134		3033027	MS	31-Mar-23	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			107 %	49.1-148		3033027	MS	31-Mar-23	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:**

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: RGA #1 Project Number: 03C2012011 Project Manager: HADLIE GREEN Fax To:	Reported: 04-Apr-23 13:50
--	---	------------------------------

**FS 04 A 3.25'**  
**H231477-04 (Soil)**

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

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>1420</b>		16.0	mg/kg	4	3033115	AC	31-Mar-23	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	3033029	JH	31-Mar-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3033029	JH	31-Mar-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3033029	JH	31-Mar-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3033029	JH	31-Mar-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3033029	JH	31-Mar-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		3033029	JH	31-Mar-23	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			98.1 %	48.2-134		3033027	MS	31-Mar-23	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			116 %	49.1-148		3033027	MS	31-Mar-23	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:**

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: RGA #1 Project Number: 03C2012011 Project Manager: HADLIE GREEN Fax To:	Reported: 04-Apr-23 13:50
--	---	------------------------------

**FS 05 A 3.25'**  
**H231477-05 (Soil)**

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

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>880</b>		16.0	mg/kg	4	3033115	AC	31-Mar-23	4500-Cl-B	
-----------------	------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	3033029	JH	31-Mar-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3033029	JH	31-Mar-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3033029	JH	31-Mar-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3033029	JH	31-Mar-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3033029	JH	31-Mar-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		3033029	JH	31-Mar-23	8021B	
--	--	--	-------	----------	--	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	
<b>DRO &gt;C10-C28*</b>	<b>205</b>		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	
<b>EXT DRO &gt;C28-C36</b>	<b>26.0</b>		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			91.2 %	48.2-134		3033027	MS	31-Mar-23	8015B	
----------------------------------	--	--	--------	----------	--	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			115 %	49.1-148		3033027	MS	31-Mar-23	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:**

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: RGA #1 Project Number: 03C2012011 Project Manager: HADLIE GREEN Fax To:	Reported: 04-Apr-23 13:50
--	---	------------------------------

**FS 06 A 3.25'**  
**H231477-06 (Soil)**

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

**Cardinal Laboratories**

**Inorganic Compounds**

<b>Chloride</b>	<b>3040</b>		16.0	mg/kg	4	3033115	AC	31-Mar-23	4500-Cl-B	
-----------------	-------------	--	------	-------	---	---------	----	-----------	-----------	--

**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	3033029	JH	31-Mar-23	8021B	
Toluene*	<0.050		0.050	mg/kg	50	3033029	JH	31-Mar-23	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	3033029	JH	31-Mar-23	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	3033029	JH	31-Mar-23	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	3033029	JH	31-Mar-23	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			107 %		71.5-134	3033029	JH	31-Mar-23	8021B	
--	--	--	-------	--	----------	---------	----	-----------	-------	--

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	3033027	MS	31-Mar-23	8015B	

<i>Surrogate: 1-Chlorooctane</i>			97.3 %		48.2-134	3033027	MS	31-Mar-23	8015B	
----------------------------------	--	--	--------	--	----------	---------	----	-----------	-------	--

<i>Surrogate: 1-Chlorooctadecane</i>			115 %		49.1-148	3033027	MS	31-Mar-23	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:**

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: RGA #1 Project Number: 03C2012011 Project Manager: HADLIE GREEN Fax To:	Reported: 04-Apr-23 13:50
--	---	------------------------------

**Inorganic Compounds - Quality Control**

**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 3033115 - 1:4 DI Water</b>										
<b>Blank (3033115-BLK1)</b>										
Prepared & Analyzed: 31-Mar-23										
Chloride	ND	16.0	mg/kg							
<b>LCS (3033115-BS1)</b>										
Prepared & Analyzed: 31-Mar-23										
Chloride	416	16.0	mg/kg	400		104	80-120			
<b>LCS Dup (3033115-BSD1)</b>										
Prepared & Analyzed: 31-Mar-23										
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	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:**

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: RGA #1 Project Number: 03C2012011 Project Manager: HADLIE GREEN Fax To:	Reported: 04-Apr-23 13:50
--	---	------------------------------

**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 3033029 - Volatiles**

**Blank (3033029-BLK1)**

Prepared & Analyzed: 30-Mar-23

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)	0.0539		mg/kg	0.0500		108	71.5-134			

**LCS (3033029-BS1)**

Prepared & Analyzed: 30-Mar-23

Benzene	2.04	0.050	mg/kg	2.00		102	81.4-118			
Toluene	2.07	0.050	mg/kg	2.00		103	88.7-121			
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	86.1-120			
m,p-Xylene	4.36	0.100	mg/kg	4.00		109	88.2-124			
o-Xylene	2.08	0.050	mg/kg	2.00		104	84.9-118			
Total Xylenes	6.44	0.150	mg/kg	6.00		107	87.3-122			
Surrogate: 4-Bromofluorobenzene (PID)	0.0511		mg/kg	0.0500		102	71.5-134			

**LCS Dup (3033029-BSD1)**

Prepared & Analyzed: 30-Mar-23

Benzene	1.93	0.050	mg/kg	2.00		96.5	81.4-118	5.49	15.8	
Toluene	1.94	0.050	mg/kg	2.00		97.1	88.7-121	6.33	15.9	
Ethylbenzene	2.00	0.050	mg/kg	2.00		100	86.1-120	5.64	16	
m,p-Xylene	4.14	0.100	mg/kg	4.00		103	88.2-124	5.21	16.2	
o-Xylene	1.98	0.050	mg/kg	2.00		99.2	84.9-118	4.87	16.7	
Total Xylenes	6.12	0.150	mg/kg	6.00		102	87.3-122	5.10	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0507		mg/kg	0.0500		101	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*

Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: RGA #1 Project Number: 03C2012011 Project Manager: HADLIE GREEN Fax To:	Reported: 04-Apr-23 13:50
--	---	------------------------------

**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 3033027 - General Prep - Organics**

<b>Blank (3033027-BLK1)</b>		Prepared & Analyzed: 30-Mar-23								
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	54.6		mg/kg	50.0		109	48.2-134			
Surrogate: 1-Chlorooctadecane	64.5		mg/kg	50.0		129	49.1-148			

<b>LCS (3033027-BS1)</b>		Prepared & Analyzed: 30-Mar-23								
GRO C6-C10	210	10.0	mg/kg	200		105	78.5-124			
DRO >C10-C28	235	10.0	mg/kg	200		117	72.5-126			
Total TPH C6-C28	445	10.0	mg/kg	400		111	77.6-123			
Surrogate: 1-Chlorooctane	59.0		mg/kg	50.0		118	48.2-134			
Surrogate: 1-Chlorooctadecane	67.0		mg/kg	50.0		134	49.1-148			

<b>LCS Dup (3033027-BSD1)</b>		Prepared & Analyzed: 30-Mar-23								
GRO C6-C10	206	10.0	mg/kg	200		103	78.5-124	2.20	17.7	
DRO >C10-C28	217	10.0	mg/kg	200		109	72.5-126	7.72	21	
Total TPH C6-C28	423	10.0	mg/kg	400		106	77.6-123	5.07	18.5	
Surrogate: 1-Chlorooctane	56.7		mg/kg	50.0		113	48.2-134			
Surrogate: 1-Chlorooctadecane	68.1		mg/kg	50.0		136	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.

*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**

**BILL TO**

**ANALYSIS REQUEST**

Company Name: Ensolum, LLC  
 Project Manager: Hadlie Green  
 Address: 601 N Marientfeld Street, Suite 400  
 City: Midland State: TX Zip: 79701  
 Phone #: 432-567-8895 Fax #: \_\_\_\_\_  
 Project #: 03C2012011 Project Owner: \_\_\_\_\_  
 Project Name: RGA #1  
 Project Location: 32.3039, -104.0595 Eddy  
 Sampler Name: Peter Van Patten  
 P.O. #: \_\_\_\_\_  
 Company: BTA O.I.  
 Attn: Bob Hall  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_  
 Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	Depth (feet)	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX							DATE	TIME	TPH	BTEX	Chloride
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H931477	ES01A	3.25'	C	1							3-30-23	1030	✓	✓	✓	
	ES02A	3.25'	C	1							3-30-23	1035	✓	✓	✓	
	ES03A	3.25'	C	1							3-30-23	1040	✓	✓	✓	
	ES04A	3.25'	C	1							3-30-23	1045	✓	✓	✓	
	ES05A	3.25'	C	1							3-30-23	1050	✓	✓	✓	
	ES06A	3.25'	C	1							3-30-23	1055	✓	✓	✓	

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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons for otherwise.

Relinquished By: \_\_\_\_\_  
 Date: 3-30-23  
 Time: 14:00  
 Received By: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Time: \_\_\_\_\_  
 Remarks: TEMP BIAHK: 5.4i  
 Verbal Result:  Yes  No Add'l Phone #: \_\_\_\_\_  
 All Results are emailed. Please provide Email address: hgreen@ensolum.com  
 Turnaround Time: 24h Standard  Rush  
 Thermometer ID #113  Corrected Temp. -0.5°C  
 Bacteria (only) Sample Condition:  Cool Intact  Yes  No  Corrected Temp. °C

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



APPENDIX E  
NMOCD Notifications

---

**From:** [Enviro, OCD, EMNRD](#)  
**To:** [Hadlie Green](#); [Bratcher, Michael, EMNRD](#); [Nobui, Jennifer, EMNRD](#)  
**Subject:** Re: [EXTERNAL] BTA - Sampling Notification - Week of November 14th - November 18th  
**Date:** Monday, November 14, 2022 5:00:37 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)

**[\*\*EXTERNAL EMAIL\*\*]**

Please be aware that notification requirements are **two business days**, per rule. Please proceed on your schedule. Also, please include this, and all correspondence, in the closure report to insure inclusion in the project file.

**From:** Hadlie Green <[hgreen@ensolum.com](mailto:hgreen@ensolum.com)>  
**Sent:** Monday, November 14, 2022 3:53 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** Tacoma Morrissey <[tmorrissey@ensolum.com](mailto:tmorrissey@ensolum.com)>; Bob Hall <[bhall@btaoil.com](mailto:bhall@btaoil.com)>  
**Subject:** [EXTERNAL] BTA - Sampling Notification - Week of November 14th - November 18th

**CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.**

All,

BTA anticipates collecting confirmation samples at the following locations this week, November 14<sup>th</sup> through the 18<sup>th</sup>.

- Mesa B #2 Poly Line Coupling Failure (nAPP2229734031)
  - GPS: 32.05169, -103.6057
- RGA #1 Stuffing Box Failure (nAPP2228347919)
  - GPS: 32.30386, -104.05949

Thank you,



**Hadlie Green**  
 Staff Geologist  
 432-557-8895  
[hgreen@ensolum.com](mailto:hgreen@ensolum.com)  
**Ensolum, LLC**  
 in f

**From:** [Hamlet, Robert, EMNRD](#)  
**To:** [Hadlie Green](#)  
**Cc:** [Bob Hall](#); [Tacoma Morrissey](#); [Bratcher, Michael, EMNRD](#); [Nobui, Jennifer, EMNRD](#); [Harimon, Jocelyn, EMNRD](#)  
**Subject:** (Extension Approval) BTA - RGA #1 (Incident Number NAPP2228347919)  
**Date:** Thursday, December 29, 2022 2:29:03 PM  
**Attachments:** [image006.png](#)  
[image007.png](#)  
[image008.png](#)  
[image009.png](#)

---

[ \*\*EXTERNAL EMAIL\*\* ]

RE: Incident #**NAPP2228347919**

**Hadlie,**

Your request for an extension to **April 5th, 2023** is approved. Please include this e-mail correspondence in the remediation and/or closure report.

**Robert Hamlet** • Environmental Specialist - Advanced  
Environmental Bureau  
EMNRD - Oil Conservation Division  
506 W. Texas Ave. | Artesia, NM 88210  
575.909.0302 | [robert.hamlet@state.nm.us](mailto:robert.hamlet@state.nm.us)  
<http://www.emnrd.state.nm.us/OCD/>



---

**From:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Sent:** Wednesday, December 28, 2022 3:00 PM  
**To:** Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>  
**Subject:** FW: [EXTERNAL] BTA-Extension Request - RGA #1 (Incident Number nAPP2228347919)

**Jocelyn Harimon** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1220 South St. Francis Drive | Santa Fe, NM 87505  
(505)469-2821 | [Jocelyn.Harimon@emnrd.nm.gov](mailto:Jocelyn.Harimon@emnrd.nm.gov)  
<http://www.emnrd.nm.gov>



---

**From:** Hadlie Green <[hgreen@ensolum.com](mailto:hgreen@ensolum.com)>  
**Sent:** Wednesday, December 28, 2022 2:46 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** Bob Hall <[bhall@btaoil.com](mailto:bhall@btaoil.com)>; Tacoma Morrissey <[tmorrissey@ensolum.com](mailto:tmorrissey@ensolum.com)>  
**Subject:** [EXTERNAL] BTA-Extension Request - RGA #1 (Incident Number nAPP2228347919)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

All,

BTA is requesting an extension for the current deadline of January 5, 2023, for submitting a remediation work plan or closure report required in 19.15.29.12.B.(1) NMAC for RGA #1 (Incident Number nAPP2228347919). The release was discovered on October 7, 2022. Initial site assessment activities have been completed and excavation activities are ongoing. In order to complete additional remediation activities and submit a remediation work plan or closure report, BTA requests a 90-day extension of this deadline until April 5, 2023.

Thank you,



**Hadlie Green**  
Staff Geologist  
432-557-8895  
[hgreen@ensolum.com](mailto:hgreen@ensolum.com)  
**Ensolum, LLC**  
in f

**From:** [Enviro, OCD, EMNRD](#)  
**To:** [Hadlie Green](#)  
**Cc:** [Bratcher, Michael, EMNRD](#); [Hamlet, Robert, EMNRD](#)  
**Subject:** RE: [EXTERNAL] BTA - Sampling Notification - February 17th-20th  
**Date:** Thursday, February 16, 2023 10:35:48 AM  
**Attachments:** [image006.png](#)  
[image007.png](#)  
[image008.png](#)  
[image009.png](#)

---

[ \*\*EXTERNAL EMAIL\*\* ]

Hadlie,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

**Jocelyn Harimon** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1220 South St. Francis Drive | Santa Fe, NM 87505  
(505)469-2821 | [Jocelyn.Harimon@emnrd.nm.gov](mailto:Jocelyn.Harimon@emnrd.nm.gov)  
<http://www.emnrd.nm.gov>



---

**From:** Hadlie Green <[hgreen@ensolum.com](mailto:hgreen@ensolum.com)>  
**Sent:** Tuesday, February 14, 2023 10:11 AM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** Tacoma Morrissey <[tmorrissey@ensolum.com](mailto:tmorrissey@ensolum.com)>; Bob Hall <[bhall@btaoil.com](mailto:bhall@btaoil.com)>  
**Subject:** [EXTERNAL] BTA - Sampling Notification - February 17th-20th

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

All,

BTA anticipates collecting confirmation samples at the following location on February 17<sup>th</sup> and 20<sup>th</sup>.

- RGA #1 / Incident Number NAPP2228347919
  - GPS: 32.30386, -104.05949

Thank you,

**From:** [Enviro, OCD, EMNRD](#)  
**To:** [Hadlie Green](#)  
**Subject:** RE: [EXTERNAL] BTA - Sampling Notification - Week of 02/27/2023  
**Date:** Friday, February 24, 2023 2:45:46 PM  
**Attachments:** [image006.png](#)  
[image007.png](#)  
[image008.png](#)  
[image009.png](#)

---

**[ \*\*EXTERNAL EMAIL\*\* ]**

Hadie,

Please be aware that notification requirements are **two business days**, per rule. You may proceed on your schedule. This, and all correspondence, should be included in the closure report to insure inclusion in the project file.

JH

**Jocelyn Harimon** • Environmental Specialist  
 Environmental Bureau  
 EMNRD - Oil Conservation Division  
 1220 South St. Francis Drive | Santa Fe, NM 87505  
 (505)469-2821 | [Jocelyn.Harimon@emnrd.nm.gov](mailto:Jocelyn.Harimon@emnrd.nm.gov)  
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)




---

**From:** Hadlie Green <[hgreen@ensolum.com](mailto:hgreen@ensolum.com)>  
**Sent:** Friday, February 24, 2023 11:41 AM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** Tacoma Morrissey <[tmorrissey@ensolum.com](mailto:tmorrissey@ensolum.com)>; Bob Hall <[bhall@btaoil.com](mailto:bhall@btaoil.com)>  
**Subject:** [EXTERNAL] BTA - Sampling Notification - Week of 02/27/2023

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

All,

BTA anticipates collecting confirmation samples at the following locations the week of February 27, 2023.

- RGA #1 / Incident Number NAPP2228347919
  - GPS: 32.30386, -104.05949
- Mesa B East Poly Line Weld Failure / Incident Number nAPP2232980823

- GPS: 32.06018, -103.60497
- Vaca Draw West TB / nAPP2300347524
  - GPS: 32.14046, -103.56478

Thank you,



**Hadlie Green**

Staff Geologist

432-557-8895

[hgreen@ensolum.com](mailto:hgreen@ensolum.com)

**Ensolum, LLC**

**in f** 

**From:** [Enviro, OCD, EMNRD](#)  
**To:** [Hadlie Green](#)  
**Cc:** [Bratcher, Michael, EMNRD](#); [Hamlet, Robert, EMNRD](#)  
**Subject:** RE: [EXTERNAL] BTA - Sampling Notification - Week of 03/27/2023  
**Date:** Monday, March 27, 2023 9:12:35 AM  
**Attachments:** [image005.jpg](#)  
[image006.png](#)  
[image007.png](#)  
[image008.png](#)  
[image009.png](#)

---

[\*\*EXTERNAL EMAIL\*\*]

Hadlie,

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

JH

**Jocelyn Harimon** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1220 South St. Francis Drive | Santa Fe, NM 87505  
(505)469-2821 | [Jocelyn.Harimon@emnrd.nm.gov](mailto:Jocelyn.Harimon@emnrd.nm.gov)  
[http:// www.emnrd.nm.gov](http://www.emnrd.nm.gov)



---

**From:** Hadlie Green <[hgreen@ensolum.com](mailto:hgreen@ensolum.com)>  
**Sent:** Friday, March 24, 2023 1:01 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** Tacoma Morrissey <[tmorrissey@ensolum.com](mailto:tmorrissey@ensolum.com)>; Bob Hall <[bhall@btaoil.com](mailto:bhall@btaoil.com)>  
**Subject:** [EXTERNAL] BTA - Sampling Notification - Week of 03/27/2023

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

All,

BTA anticipates collecting confirmation samples at the following location the week of March 27, 2023.

- RGA #1 / nAPP2228347919
  - Sampling Date: 3/30/2023 @ 10:00 AM MST

**From:** [Wells, Shelly, EMNRD](#)  
**To:** [Hadlie Green](#); [Hamlet, Robert, EMNRD](#); [Velez, Nelson, EMNRD](#); [Maxwell, Ashley, EMNRD](#); [Bratcher, Michael, EMNRD](#)  
**Cc:** [Kelton Beaird](#); [Aimee Cole](#); [Tacoma Morrissey](#)  
**Subject:** RE: [EXTERNAL] BTA - Sampling Notification - Week of 10/23/2023  
**Date:** Thursday, October 19, 2023 9:11:07 AM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)

---

[ \*\*EXTERNAL EMAIL\*\* ]

Good morning Hadlie,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

[Shelly Wells](#) \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive | Santa Fe, NM 87505  
(505)469-7520 | [Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Hadlie Green <[hgreen@ensolum.com](mailto:hgreen@ensolum.com)>  
**Sent:** Thursday, October 19, 2023 9:57 AM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** Kelton Beaird <[KBeaird@btaoil.com](mailto:KBeaird@btaoil.com)>; Aimee Cole <[acole@ensolum.com](mailto:acole@ensolum.com)>; Tacoma Morrissey <[tmorrissey@ensolum.com](mailto:tmorrissey@ensolum.com)>  
**Subject:** [EXTERNAL] BTA - Sampling Notification - Week of 10/23/2023

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

All,

BTA anticipates collecting confirmation samples at the following locations the week of October 23, 2023.

- RGA #1 / nAPP2228347919

Sampling Date: 10/24/2023 @ 9:00 AM MST

- Mesa 8105 JV-P #4H Battery / NRM2004549559
  - Sampling Date: 10/24-27/2023 @ 9:00 AM MST
  
- Mesa 8105-JV-P 004H / NOY1831160155
  - Sampling Date: 10/25-26/2023 @ 9:00 AM MST
  
- Vaca West Tank Battery / nAPP2202849030
  - Sampling Date: 10/25-27/2023 @ 9:00 AM MST
  
- Ogden 20509 1-3H Tank Battery / NAB1905943420
  - Sampling Date: 10/27/2023 @ 9:00 AM MST

Thank you,



**Hadlie Green**

Project Geologist

432-557-8895

[hgreen@ensolum.com](mailto:hgreen@ensolum.com)

**Ensolum, LLC**





APPENDIX F

Form C-141

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

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

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

Incident ID	nAPP2228347919
District RP	
Facility ID	
Application ID	

## Release Notification

### Responsible Party

Responsible Party: BTA Oil Producers, LLC	OGRID: 260297
Contact Name: Bob Hall	Contact Telephone: 432-682-3753
Contact email: bhall@btaoil.com	Incident # (assigned by OCD) nAPP2228347919
Contact mailing address: 104 S. Pecos St., Midland, TX 79701	

### Location of Release Source

Latitude: 32.30386 Longitude: -104.05949

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: RGA #1	Site Type: Well Site
Date Release Discovered: 10/07/2022	API# (if applicable) Nearest well: RGA #1 API #30-015-26151

Unit Letter	Section	Township	Range	County
K	14	23S	28E	Eddy

Surface Owner:  State  Federal  Tribal  Private (Name: Uffie Land Company)

### Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 7 BBL	Volume Recovered (bbls) 5 BBL
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 5 BBL	Volume Recovered (bbls) 3 BBL
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release  
Stuffing Box Failure.  
Spill onto pad immediately around the wellhead and on caliche well pad.

(See attached spill calculation spreadsheet.)

Incident ID	nAPP222834/919
District RP	
Facility ID	
Application ID	

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

### Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <b>Bob Hall</b> Title: <b>Environmental Manager</b>  Signature: <u></u> Date: <b>10/10/2022</b>  email: <b>bhall@btaoil.com</b> Telephone: <b>432-682-3753</b>
<b><u>OCD Only</u></b>  Received by: <u>Jocelyn Harimon</u> Date: <u>10/10/2022</u>

**Location** RGA #1 Stuffing Box Leak  
**API #**  
**Spill Date** 10/7/2022

**Spill Dimensions**

**ENTER** - Length of Spill  feet  
**ENTER** - Width of Spill  feet  
**ENTER** - Saturation Depth of Spill  inches  
  
**ENTER** - Porosity Factor  decimal

**Oil Cut - Well Test / Vessel Throughput or Contents**

Oil   
 Water   
 Calculated Oil Cut

**Volume Recovered in Truck / Containment**

**ENTER** - Recovered Oil  BBL  
**ENTER** - Recovered Water  BBL

**Calculated Values**

Release of Oil in Soil - Unrecovered  BBL  
 Release of Water in Soil - Unrecovered  BBL  
 Unrecovered Total Release  BBL

**Calculated Values**

Total Release of Oil  BBL  
 Total Release of Water  BBL  
 Total Release  BBL

Types of Soil	Porosity Factor
Gravel	0.25
Sand	0.20
Clay/silt/sand Mix	0.15
Clay	0.05
Caliche	0.03
Unknown	0.25

$(\text{Length} \times \text{Width} \times \text{Depth} \times 1 \text{ ft}/12 \text{ in}) \times \text{Porosity}$   
 $5.615 \text{ ft}^3 / \text{BBL}$

$\times$  Oil Cut  
 (or Water Cut)

**RGA #1 – Stuffing Box Leak**  
**10/7/2022**



**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 149943

**CONDITIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 149943
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jharimon	None	10/12/2022

Incident ID	nAPP2228347919
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?	<u>&lt;50</u> (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 checked="" type="checkbox"/> Yes <input 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 <b>not</b> on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input 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 1/2-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	nAPP2228347919
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: Kelton Beard

Title: Environmental Manager

Signature: 

Date: 11-21-2023

email: KBeard@btaoil.com

Telephone: 432-682-3753

**OCD Only**

Received by: \_\_\_\_\_

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

Incident ID	nAPP2228347919
District RP	
Facility ID	
Application ID	

## Remediation Plan

**Remediation Plan Checklist:** Each of the following items must be included in the plan.

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** Each of the following items must be confirmed as part of any request for deferral of remediation.

- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Kelton Beard Title: Environmental Manager

Signature:  Date: 11-21-2023

email: KBeard@btaoil.com Telephone: 432-682-3753

**OCD Only**

Received by: Shelly Wells Date: 11/28/2023

- Approved
  Approved with Attached Conditions of Approval
  Denied
  Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**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 288737

**CONDITIONS**

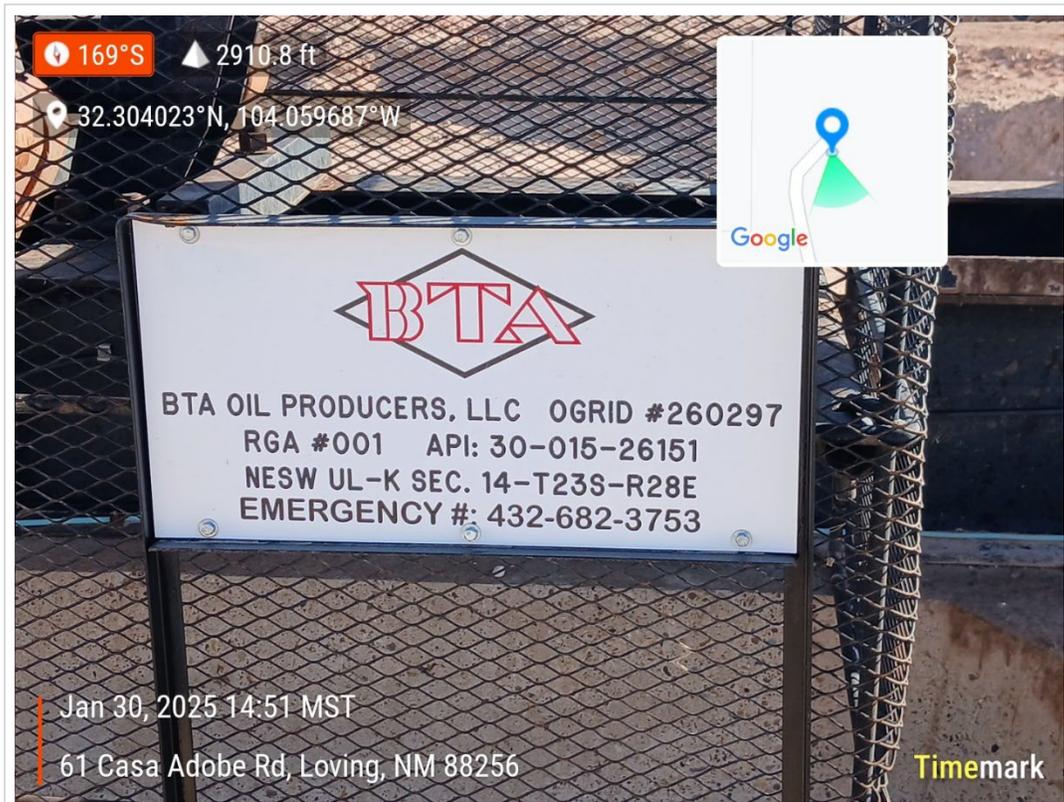
Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 288737
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
amaxwell	Work plan approved.	3/18/2024
amaxwell	To address reclamation activities in combination with remediation activities, the reclamation report must include:	3/18/2024
amaxwell	Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	3/18/2024
amaxwell	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	3/18/2024
amaxwell	OR Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	3/18/2024
amaxwell	Submit a report via the OCD permitting portal by July 19, 2024.	3/18/2024

# **APPENDIX E**

## **Photographic Documentation**



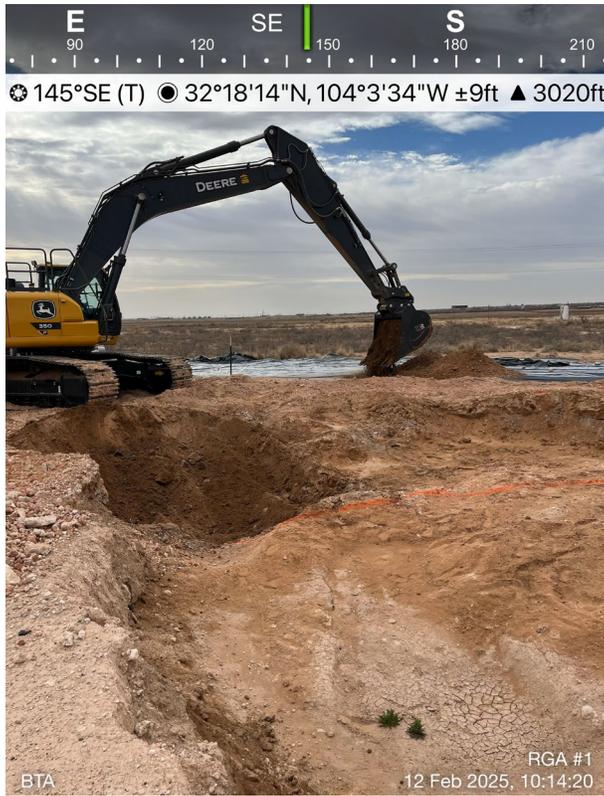
TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View south. Well signage.	1
	SITE NAME	RGA #1 Pit #2	1/30/2025



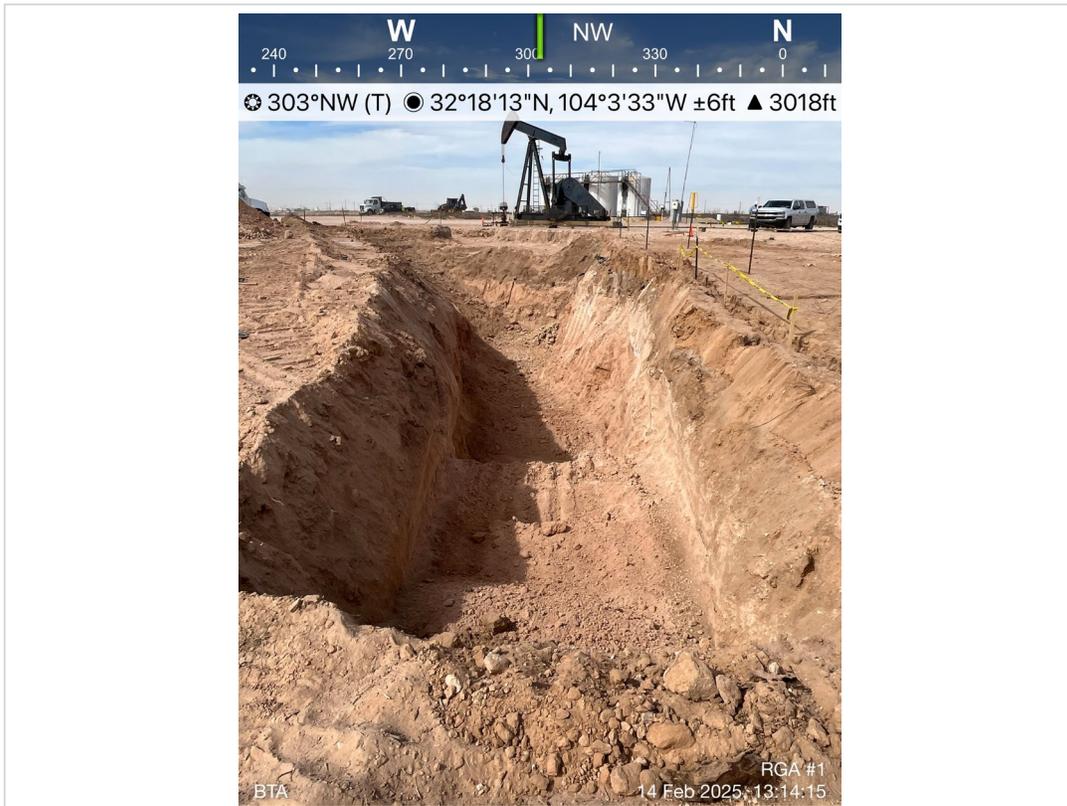
TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View west. Edge of excavation. Temporary barricades. Heavy mobile equipment.	2
	SITE NAME	RGA #1 Pit #2	2/11/2025



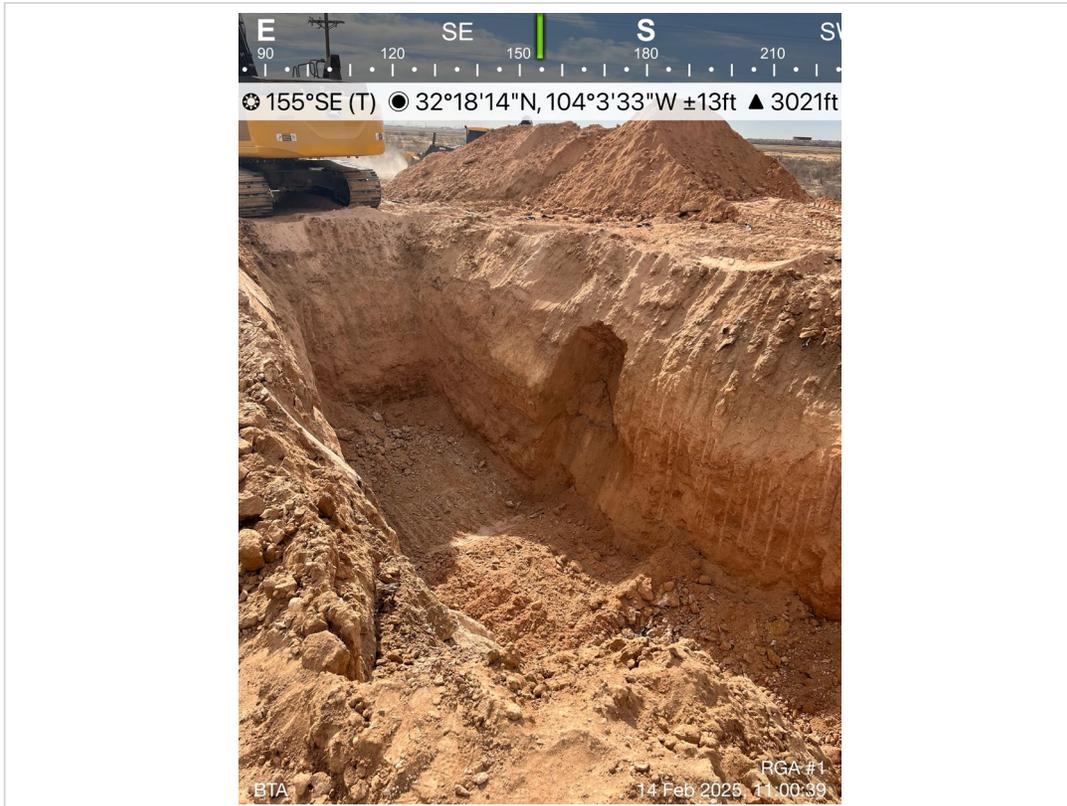
TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View northwest. Excavation progress. Well pad with well head.	3
	SITE NAME	RGA #1 Pit #2	2/11/2025



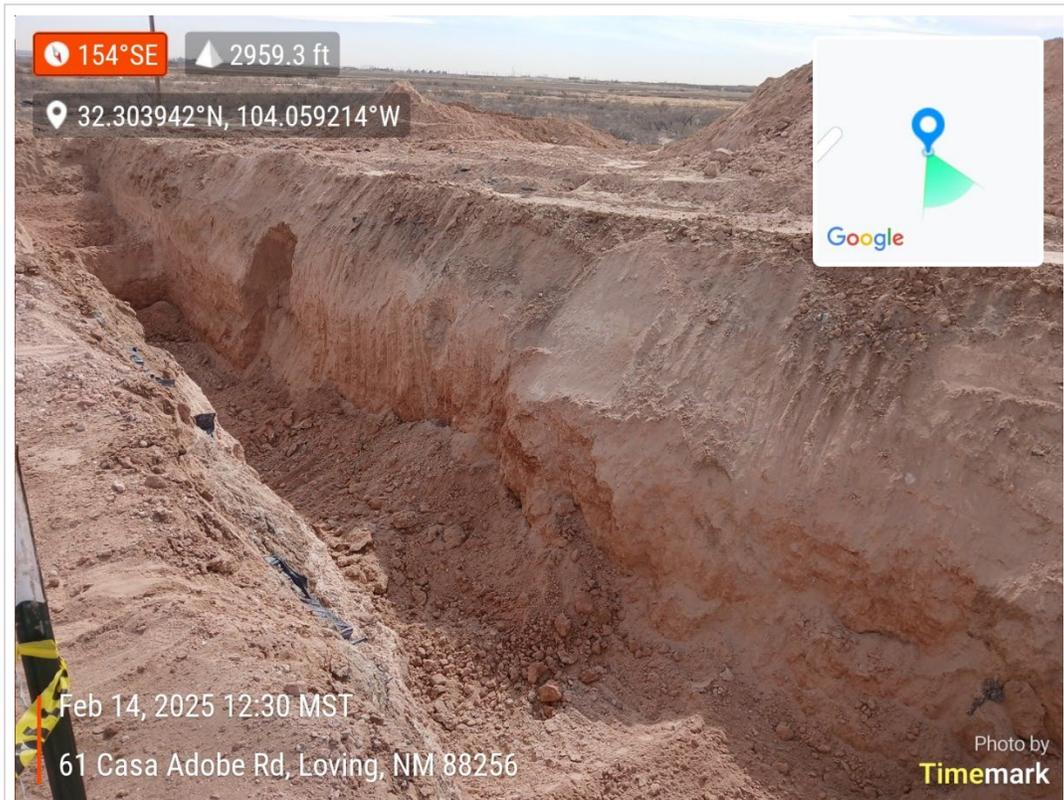
TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View southeast. Excavation progress.	4
	SITE NAME	RGA #1 Pit #2	2/12/2025



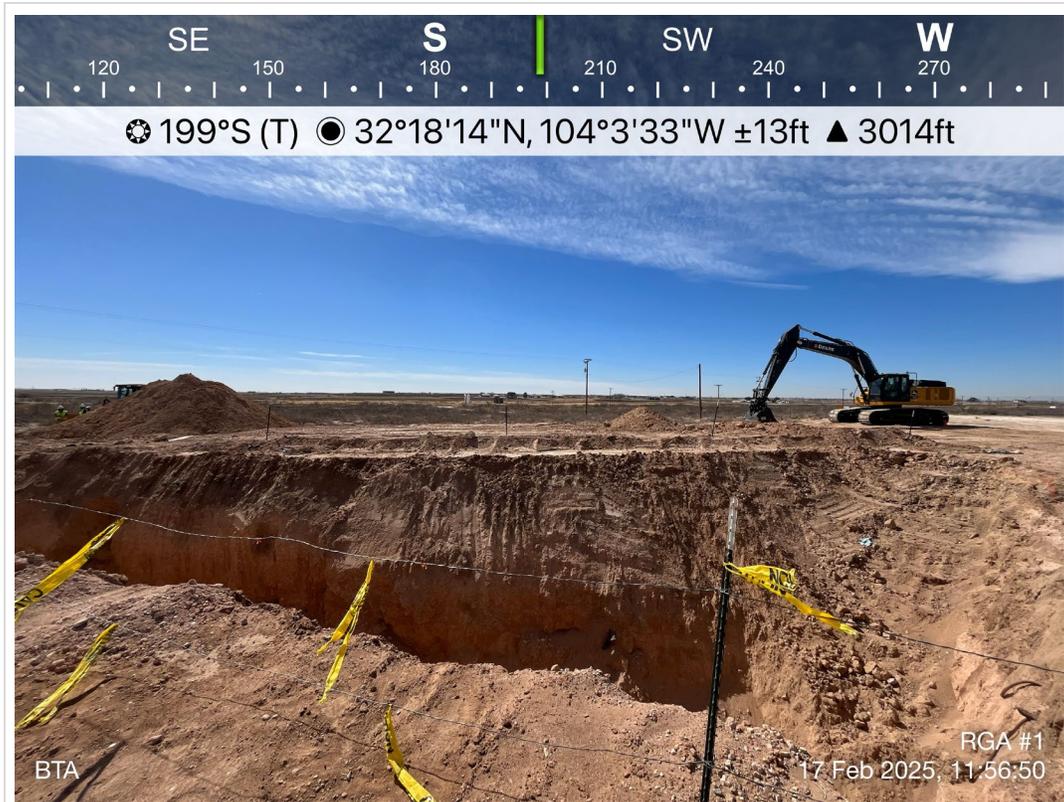
TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View west-northwest. Excavation progress.	5
	SITE NAME	RGA #1 Pit #2	2/14/2025



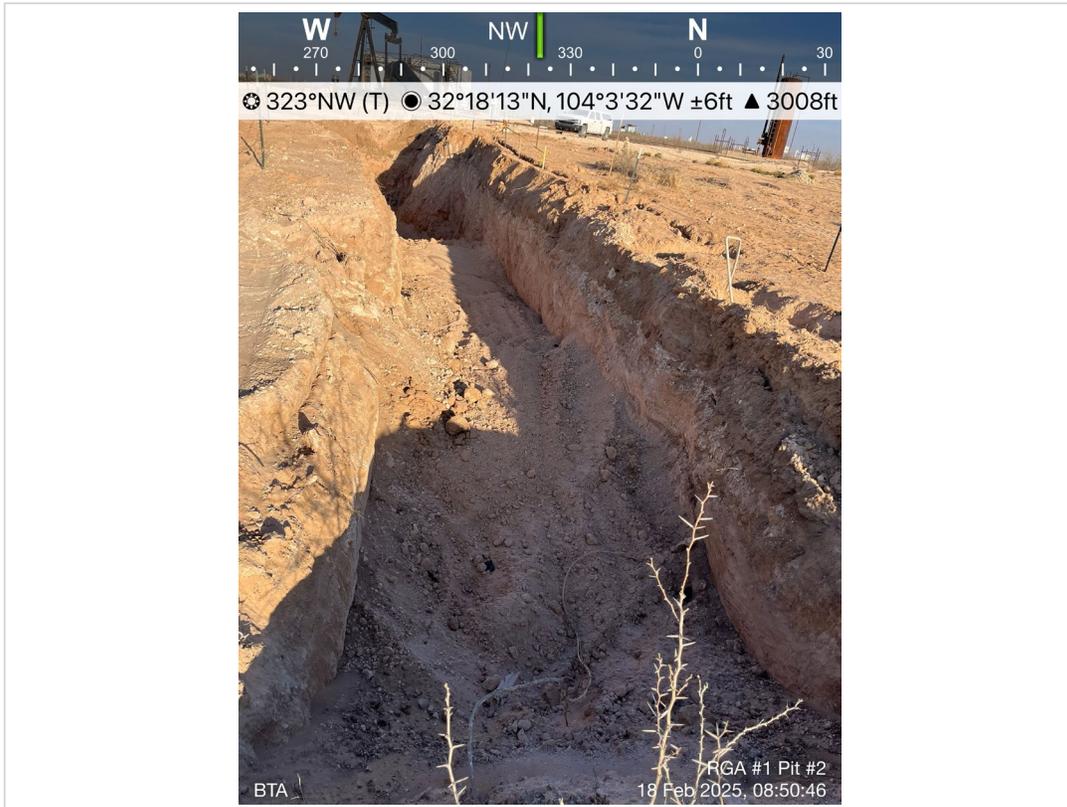
TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View south-southeast. Excavation area progress. Temporary barricades.	6
	SITE NAME	RGA #1 Pit #2	2/14/2025



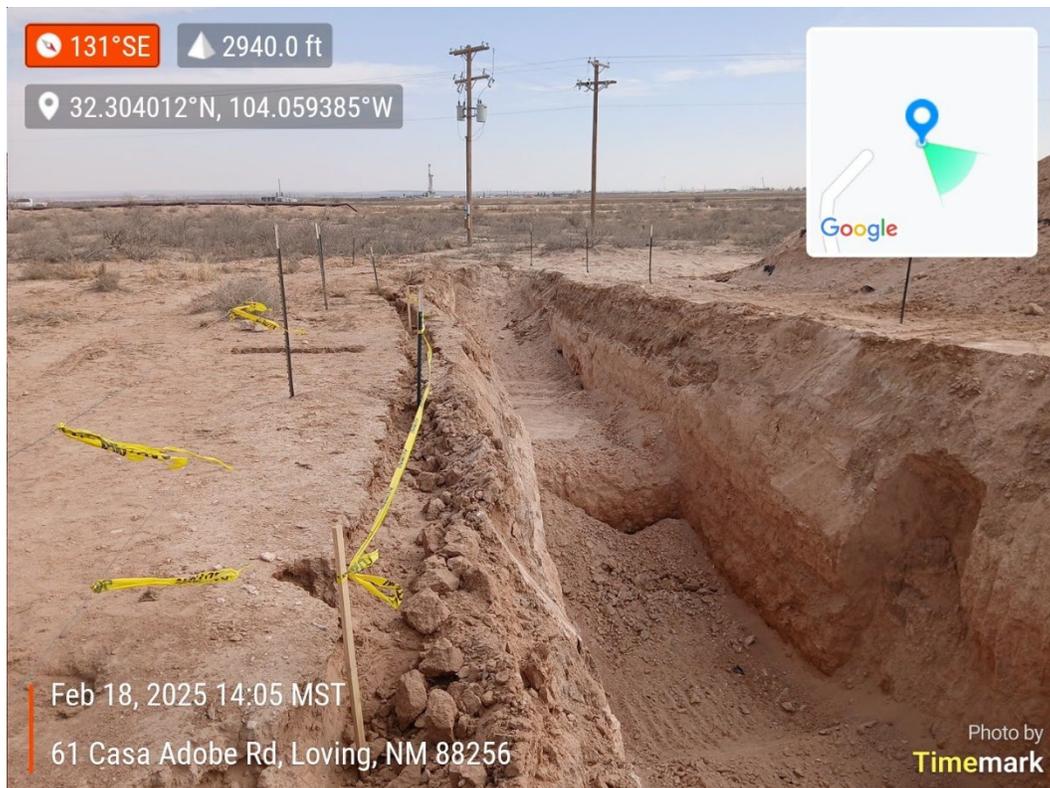
TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View southeast. Excavation area progress. Temporary barricades.	7
	SITE NAME	RGA #1 Pit #2	2/14/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View south-southwest. Excavation area progress. Temporary barricades.	8
	SITE NAME	RGA #1 Pit #2	2/17/2025



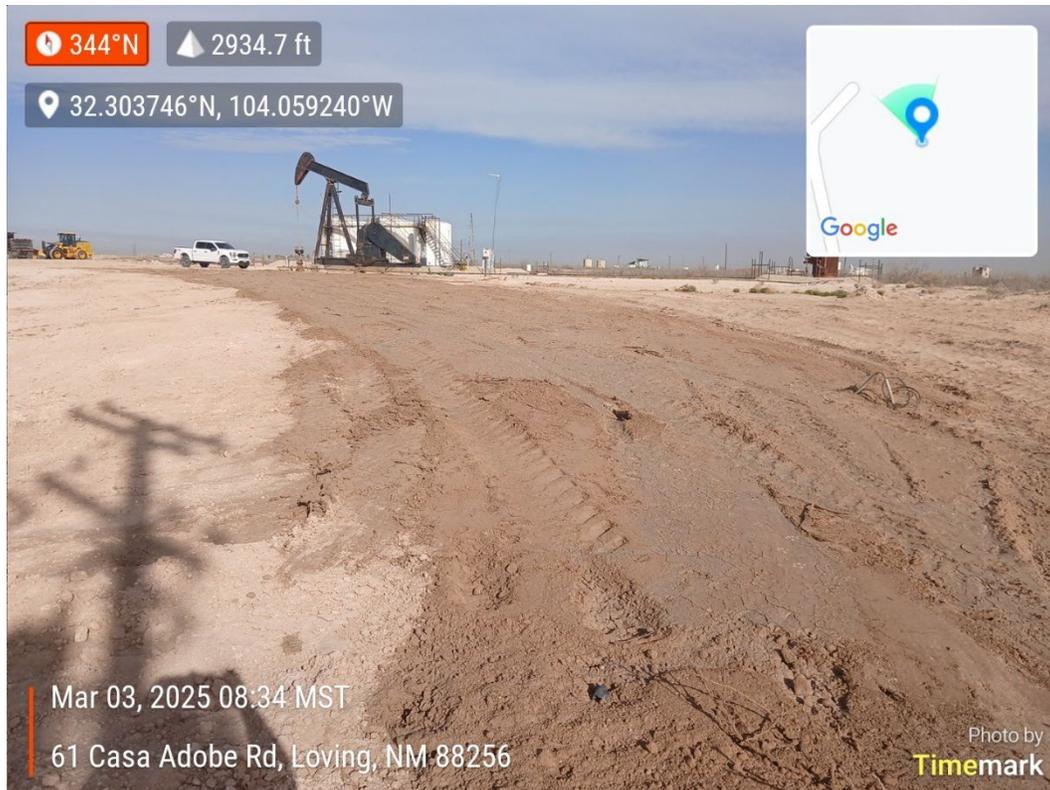
TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View northwest. Excavation area progress. Temporary barricades.	9
	SITE NAME	RGA #1 Pit #2	2/18/2025



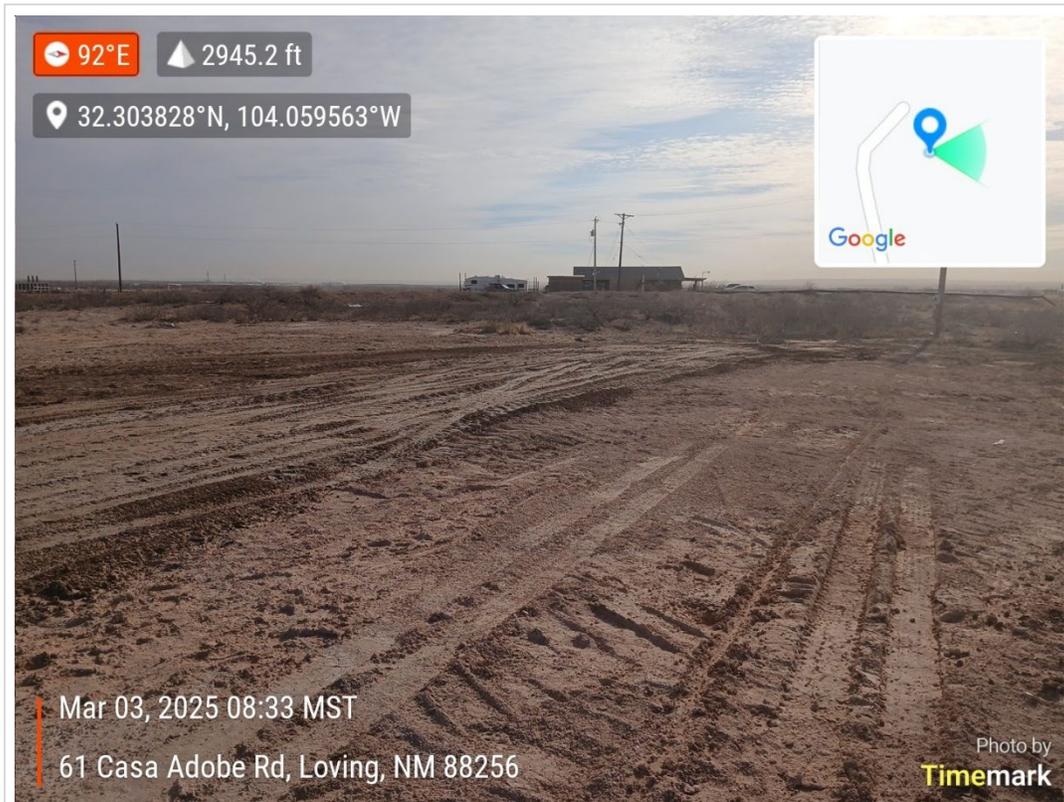
TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View southeast. Excavation progress. Temporary barricades.	10
	SITE NAME	RGA #1 Pit #2	2/18/2025



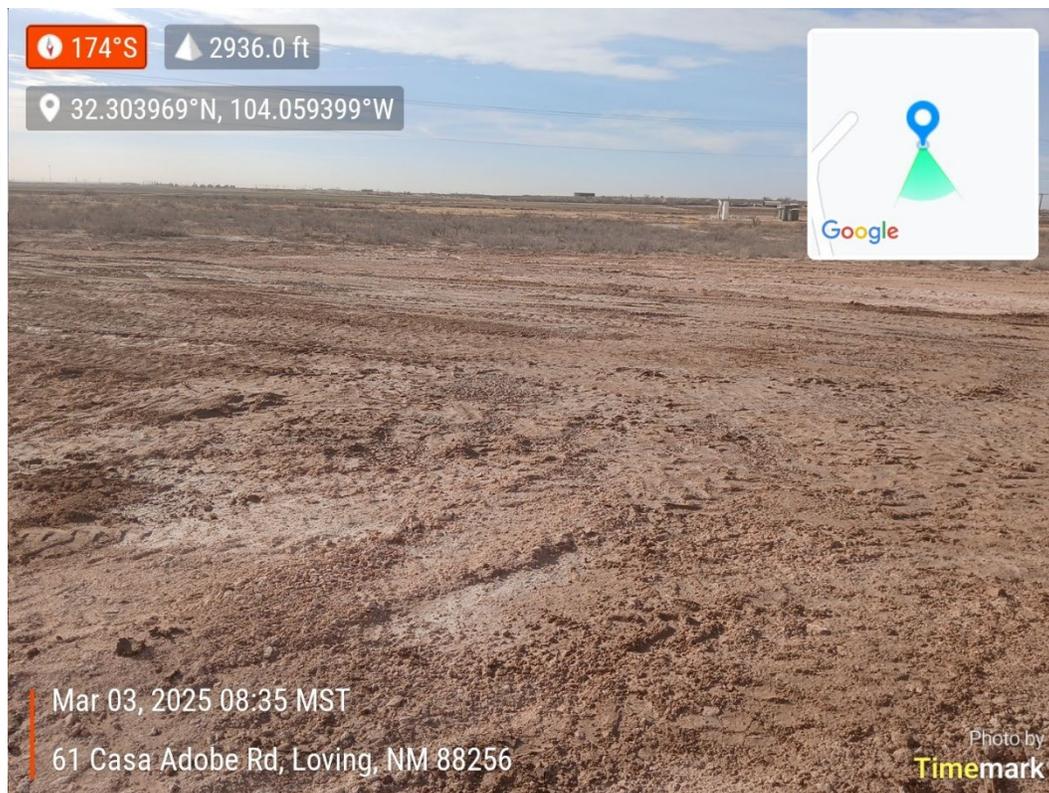
TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View south. Delivery of backfill material.	11
	SITE NAME	RGA #1 Pit #2	2/21/2025



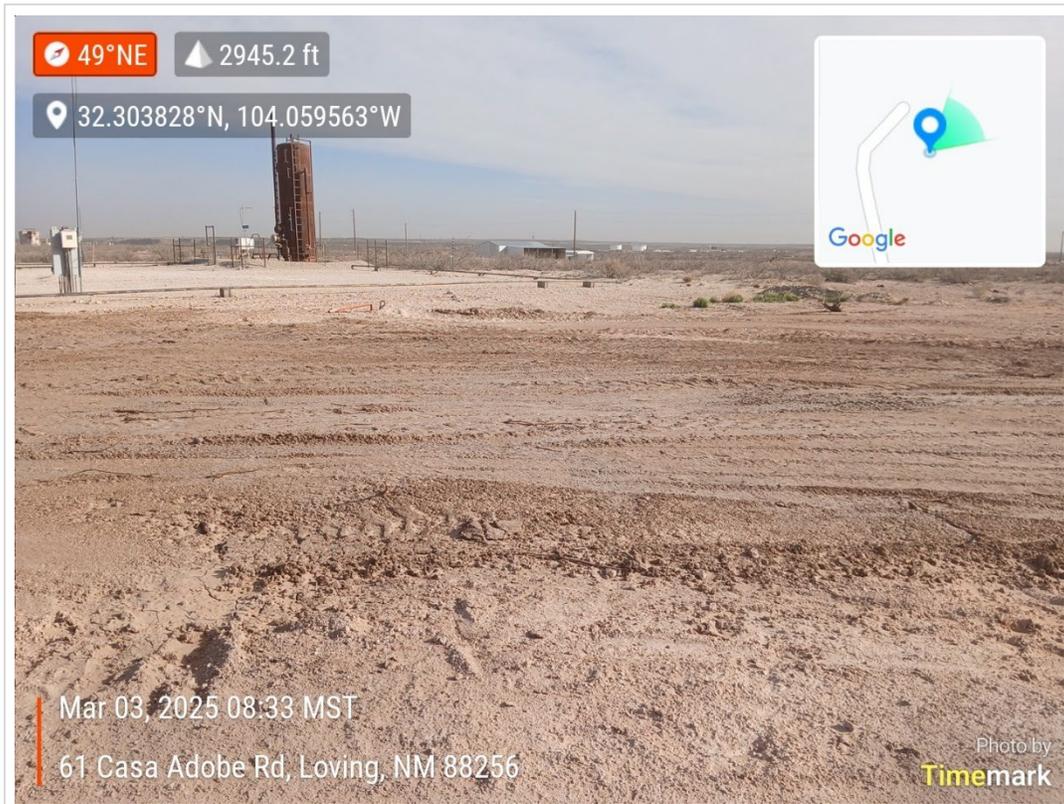
TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View north. Soil backfill placement. Well pad with well head.	12
	SITE NAME	RGA #1 Pit #2	3/3/2025



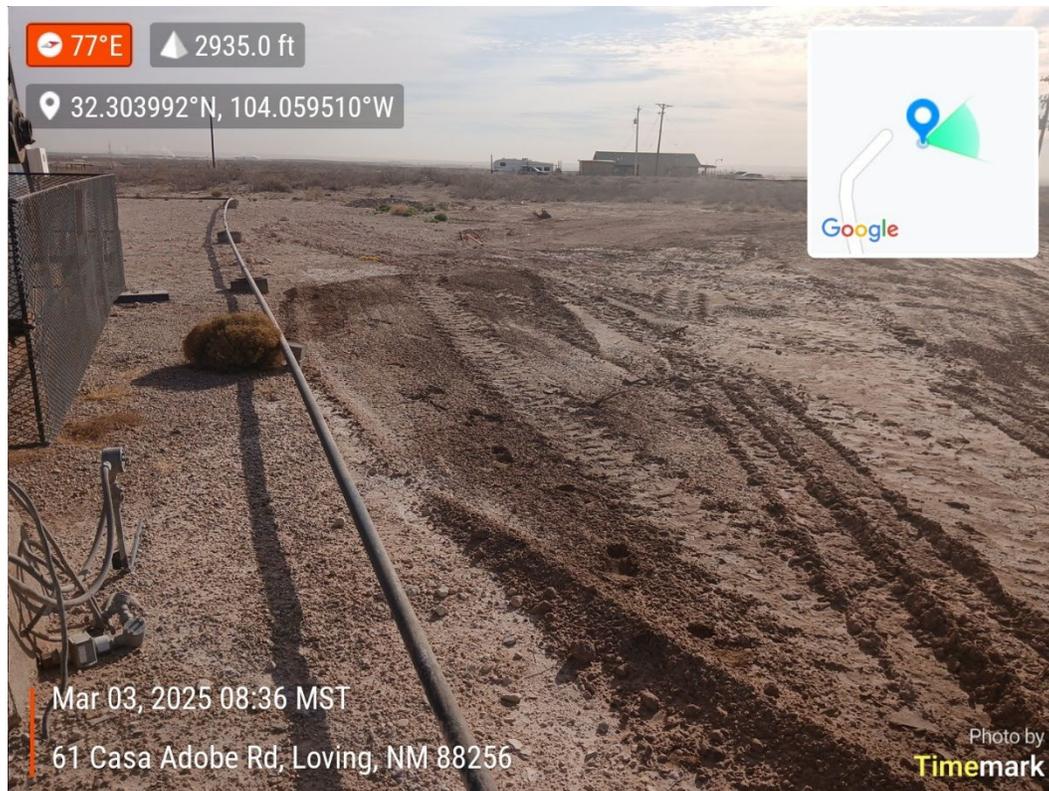
TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View east. Soil backfill placement.	13
	SITE NAME	RGA #1 Pit #2	3/3/2025



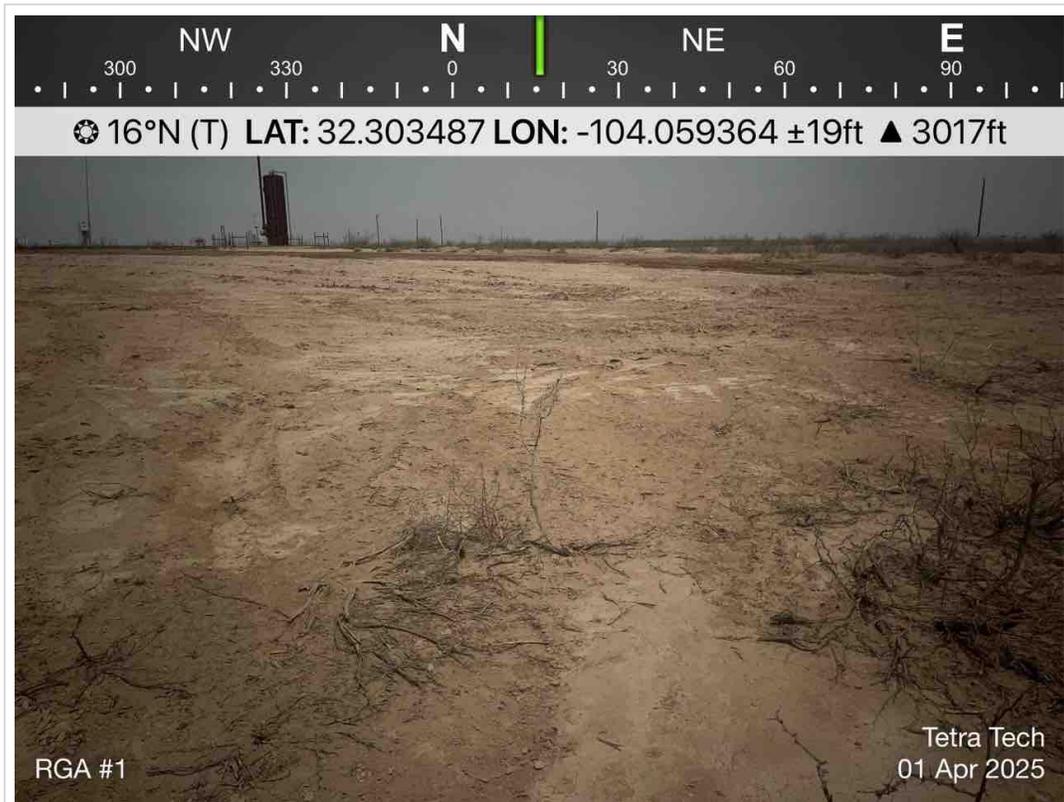
TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View south. Soil backfill placement.	14
	SITE NAME	RGA #1 Pit #2	3/3/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View northeast. Soil backfill placement.	15
	SITE NAME	RGA #1 Pit #2	3/3/2025



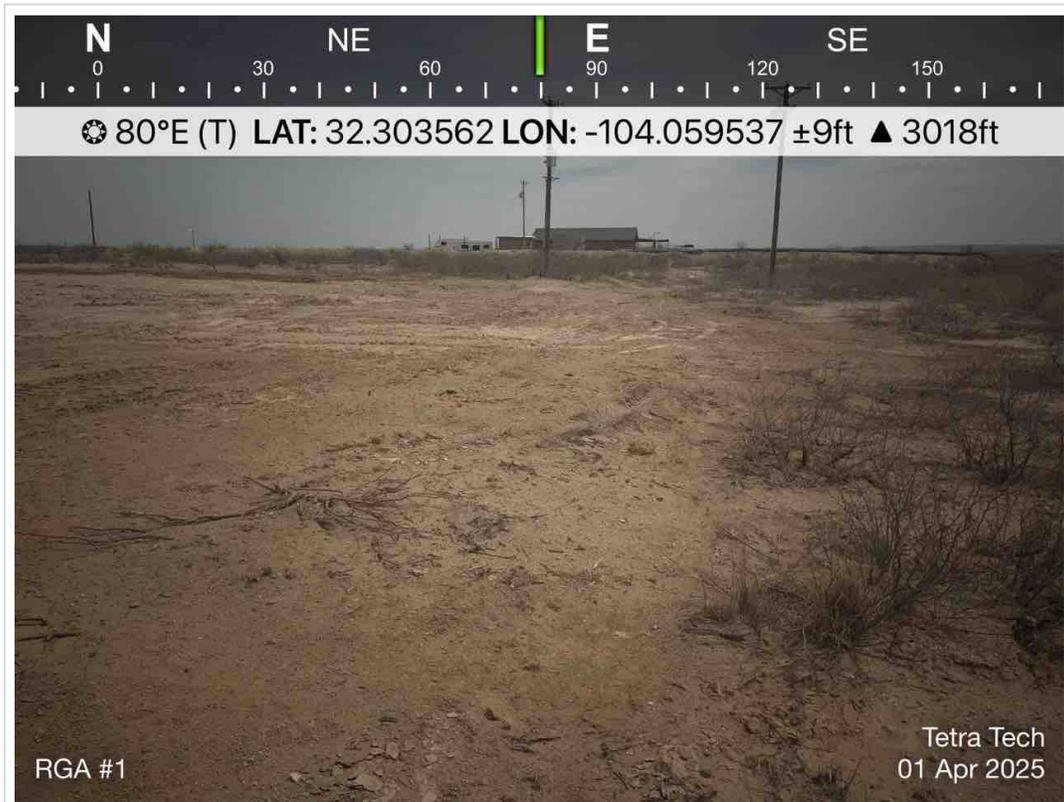
TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View east. Soil backfill placement. Metal pipeline.	16
	SITE NAME	RGA #1 Pit #2	3/3/2025



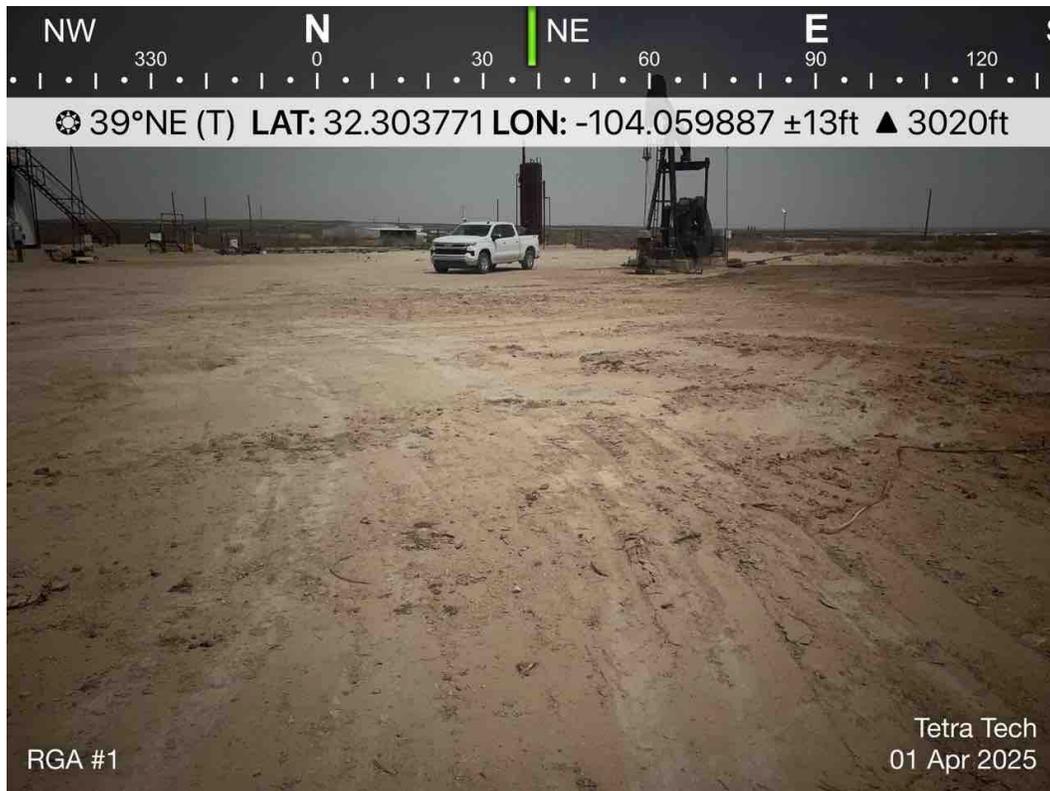
TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View north. Seed placement.	17
	SITE NAME	RGA #1 Pit #2	1/1/2025



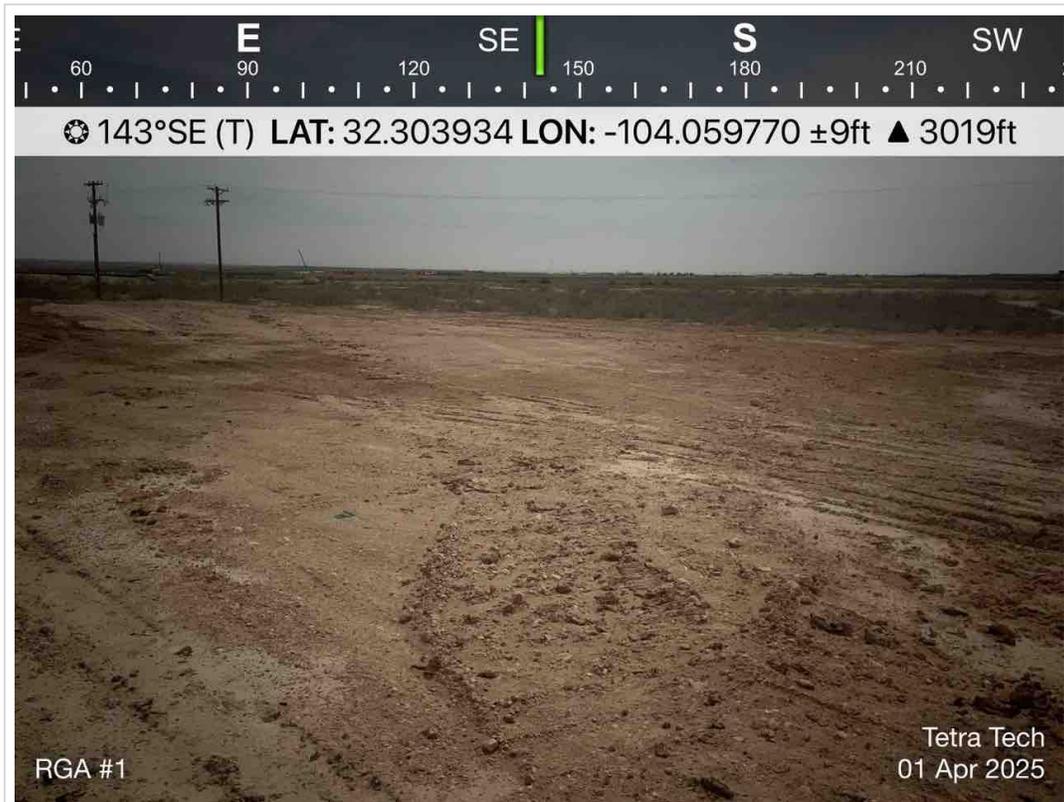
TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View northwest. Seed placement. Storage tanks.	18
	SITE NAME	RGA #1 Pit #2	1/1/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View east. Seed placement. Overhead utilities.	19
	SITE NAME	RGA #1 Pit #2	1/1/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View northeast. Seed placement.	20
	SITE NAME	RGA #1 Pit #2	1/1/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View southeast. Seed placement. Overhead utilities.	21
	SITE NAME	RGA #1 Pit #2	1/1/2025



TETRA TECH, INC. PROJECT NO. 212C-MD-03785	DESCRIPTION	View west. Seed placement. Overhead utilities.	22
	SITE NAME	RGA #1 Pit #2	1/1/2025

# **APPENDIX F Waste Manifest**



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name Ray Ramos  
Phone No. 432 313 1288

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

RB 375071

Operator No. \_\_\_\_\_ Permit/RRC No. \_\_\_\_\_  
Operators Name BTA Lease/Well FR 01171  
Address \_\_\_\_\_ Name & No. \_\_\_\_\_  
City, State, Zip \_\_\_\_\_ County \_\_\_\_\_  
Phone No. R.RAMOS@BTA.OIL.COM API No. 30-2015 261591  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. 93771

Oil Based Muds _____	NON-INJECTABLE WATERS _____	OTHER EXEMPT WASTES (type and generation process of the waste) _____
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	Belly Dumps
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 _____	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ Y-YARDS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport Driver's Name Lalao  
Address \_\_\_\_\_ Phone No. 806 474 2189  
Phone No. \_\_\_\_\_ Truck No. 0101  
WHP No. 4090

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 2-18-25 DRIVER'S SIGNATURE Lalao

TRUCK TIME STAMP IN: <u>11:26</u> OUT: _____	DISPOSAL FACILITY Name/No. _____	RECEIVING AREA Name/No. _____
---	-------------------------------------	----------------------------------

Site Name/Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge \_\_\_\_\_ Feet \_\_\_\_\_ Inches \_\_\_\_\_  
BS&W Received \_\_\_\_\_ BS&W (%) \_\_\_\_\_

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_  
NAME (PRINT) Jorge Keri DATE 2/18/25 TITLE Driver SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name Roy Ramos  
Phone No. 432.313.1288

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

RB 375435

Operator No. \_\_\_\_\_ Permit/RRC No. \_\_\_\_\_  
Lease/Well RGA #1  
Operators Name BTA Name & No. \_\_\_\_\_  
Address \_\_\_\_\_ County \_\_\_\_\_  
City, State, Zip \_\_\_\_\_ API No. 30-015-26151  
Phone No. R.Ramos@BTAO.I.COM Rig Name & No. \_\_\_\_\_  
AFE/PO No. JAC# 23771

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly 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	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY B-BARRELS Y-YARDS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport Driver's Name Jalo  
Address \_\_\_\_\_ Phone No. 806 4742109  
Truck No. 01  
Phone No. \_\_\_\_\_ WHP No. 4690

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 2-18-25 DRIVER'S SIGNATURE Jalo

TRUCK TIME STAMP IN: <u>1:42pm</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>D7</u>
--	-------------------	--------------------------------------

Site Name/Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes (No)  
NORM (mR/hr) 7

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W Received	BS&W (%)

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?  
NAME (PRINT) Joye Carr DATE 2/18/25 TITLE Tico SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name RAY RAMOS

Phone No. 432-313-1287

Operator No. B.T.A **GENERATOR** Permit/RRC No. REG AH RB 375183

Operators Name \_\_\_\_\_ Lease/Well \_\_\_\_\_

Address \_\_\_\_\_ Name & No. 307015-26151

City, State, Zip \_\_\_\_\_ County \_\_\_\_\_

Phone No. \_\_\_\_\_ API No. \_\_\_\_\_

Rig Name & No. \_\_\_\_\_ AFE/PO No. INC # 23771

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____		
Water Based Muds _____		
Water Based Cuttings _____		
Produced Formation Solids _____		
Tank Bottoms _____		
E&P Contaminated Soil <input checked="" type="checkbox"/>	Washout Water (Non-Injectable) _____	<u>Bell</u>
Gas Plant Waste _____	Completion Fluid/Flow Back (Non-Injectable) _____	
	Produced Water (Non-Injectable) _____	
	Gathering Line Water/Waste (Non-Injectable) _____	
	INTERNAL USE ONLY	
	Truck Washout (exempt waste) _____	

WASTE GENERATION PROCESS:  DRILLING  COMPLETION  PRODUCTION  GATHERING LINES

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

Non-Exempt Other \_\_\_\_\_

All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity and Reactivity. \*please select from Non-Exempt Waste List on back

QUANTITY \_\_\_\_\_ B-BARRELS 70 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

**TRANSPORTER**

Transporter's Name S. P. Transport LLC Driver's Name Jesus Martinez

Address \_\_\_\_\_ Phone No. 812-335-3867

Phone No. \_\_\_\_\_ Truck No. 707

WHP No. 4690

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: 11:29 AM OUT: \_\_\_\_\_

**DISPOSAL FACILITY** RECEIVING AREA Name/No. 17

Site Name/ Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239

Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One)  YES  NO If YES, was reading > 50 micro roentgens? (Circle One) Yes  No

NORM (mR/hr) \_\_\_\_\_

**TANK BOTTOMS**

1st Gauge \_\_\_\_\_ Feet \_\_\_\_\_ Inches \_\_\_\_\_

BS&W Received \_\_\_\_\_ BS&W (%) \_\_\_\_\_

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

NAME (PRINT) Jorge Garcia DATE 2/18/25 TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name: RH Raynos  
Phone No: 432-313-1288

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

Operator No. BTA Permit/RRC No. RB 375184  
Operators Name \_\_\_\_\_ Lease/Well \_\_\_\_\_  
Address \_\_\_\_\_ Name & No. 30-1015-26151  
County \_\_\_\_\_  
City, State, Zip \_\_\_\_\_ API No. \_\_\_\_\_  
Phone No. \_\_\_\_\_ Rig Name & No. \_\_\_\_\_  
AFE/PO No. INC # 23771

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>BCH</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	
E&P Contaminated Soil <input checked="" type="checkbox"/>	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport LLC Driver's Name Jesus Marroquin  
Address \_\_\_\_\_ Phone No. 818 335 3868  
Truck No. 707  
Phone No. \_\_\_\_\_ WHP No. 4690

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 02-18-95 DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: <u>2:12</u> OUT: _____	Name/No. _____	

Site Name/ Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) 8

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W Received _____	BS&W (%) _____
-----------	------------	--------------	---------------------	----------------

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

NAME (PRINT) Jorge DATE 2/18/25 TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name: Rox Ramos  
Phone No.: 432 313 238

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

Operator No. \_\_\_\_\_ Permit/RRC No. RB 375439  
Operators Name BTA Lease/Well RGA #1  
Address \_\_\_\_\_ Name & No. \_\_\_\_\_  
City, State, Zip \_\_\_\_\_ County \_\_\_\_\_  
Phone No. B.Ramos@BTAoil.com API No. 30-01526151  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. 23771

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly Bump</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	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY: B-BARRELS \_\_\_\_\_ Y-YARDS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport Driver's Name Erix Gonzalez  
Address \_\_\_\_\_ Phone No. \_\_\_\_\_  
Phone No. \_\_\_\_\_ Truck No. 209  
WHP 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 2/18/25 DRIVER'S SIGNATURE \_\_\_\_\_ DELIVERY DATE \_\_\_\_\_ DRIVER'S SIGNATURE Erix G.

TRUCK TIME STAMP IN: <u>11:27</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. _____
---	-------------------	----------------------------------

Site Name/Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) 2

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W Received _____	BS&W (%) _____
-----------	------------	--------------	---------------------	----------------

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

NAME (PRINT) Rox Ramos DATE 2/18/25 TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name Ruy Ramos  
Phone No. 432 313 238

GENERATOR

Operator No. \_\_\_\_\_ Permit/RRC No. RGA RB 375440  
Lease/Well \_\_\_\_\_ #1  
Operators Name BTA Name & No. \_\_\_\_\_  
Address \_\_\_\_\_ County \_\_\_\_\_  
City, State, Zip \_\_\_\_\_ API No. 30-0152 6151  
Phone No. R Ramos BTA oil.com Rig Name & No. \_\_\_\_\_  
AFE/PO No. 23 771

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Betty Bump</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	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ Y-YARDS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport Driver's Name Evik G.  
Address \_\_\_\_\_ Phone No. \_\_\_\_\_  
Truck No. 209  
Phone No. \_\_\_\_\_ WHP 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 2/18/25 DRIVER'S SIGNATURE Evik G.

TRUCK TIME STAMP IN: <u>1:49</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>7</u>
--	-------------------	-------------------------------------

Site Name/Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes NO  
NORM (mR/hr) 7

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W Received _____	BS&W (%) _____
-----------	------------	--------------	---------------------	----------------

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

NAME (PRINT) Jorge DATE 2/18/25 TITLE Trk SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT)

\*REQUIRED INFORMATION\*

Name Ray Ramos

Phone No. 432 313 1288

GENERATOR

RB 375067

Operator No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_

Operators Name SP Transport

Lease/Well \_\_\_\_\_

Address \_\_\_\_\_

Name & No. \_\_\_\_\_

City, State, Zip \_\_\_\_\_

County \_\_\_\_\_

Phone No. Ramos@spad.com

API No. \_\_\_\_\_

Rig Name & No. \_\_\_\_\_

AFE/PO No. \_\_\_\_\_

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	Belly Dump
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	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY B-BARRELS \_\_\_\_\_ Y-YARDS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_

DATE \_\_\_\_\_

SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport

Address \_\_\_\_\_

Phone No. \_\_\_\_\_

Driver's Name Lalo

Phone No. 806 474 2109

Truck No. 9600

WHP No. 4690

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 2-18-25

DRIVER'S SIGNATURE Lalo

TRUCK TIME STAMP

IN: 9:28 AM OUT: \_\_\_\_\_

DISPOSAL FACILITY

RECEIVING AREA

Name/No. D7

Site Name/ Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES  NO  If YES, was reading > 50 micro roentgens? (Circle One) Yes  No   
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W 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 \_\_\_\_\_

White - ORIGINAL

Blue - TRANSPORTER

Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name: RAY RAMOS  
Phone No. 432 363 3128

GENERATOR

Operator No. BT 4 Permit/RRC No. RB 375182  
Lease/Well Name & No. 20-1015-26151  
Address \_\_\_\_\_ County 2014  
City, State, Zip \_\_\_\_\_ API No. \_\_\_\_\_  
Phone No. \_\_\_\_\_ Rig Name & No. \_\_\_\_\_  
AFE/PO No. INC # 93771

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Be HX</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	
E&P Contaminated Soil <u>✓</u>	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP. Texas Pumps LLC Driver's Name Jesus Martinez  
Address \_\_\_\_\_ Phone No. 818 335 3868  
Truck No. 7107  
Phone No. \_\_\_\_\_ WHP No. 469010

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 05-18-25 DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP IN: <u>4:16pm</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>77</u>
--	-------------------	--------------------------------------

Site Name/Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES ✓ NO \_\_\_\_\_ If YES, was reading > 50 micro roentgens? (Circle One) Yes \_\_\_\_\_ No \_\_\_\_\_  
NORM (mR/hr) 8

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W Received _____	BS&W (%) _____
-----------	------------	--------------	---------------------	----------------

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

NAME (PRINT) George Lopez DATE 2/18/25 TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name Ray Ramos

Phone No. 432-313-1088

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

Operator No. SP Transport  
Operators Name BRYTA  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. RRAMOS@BTAOil.com

Permit/RRC No. **RB 375072**  
Lease/Well R67111  
Name & No. \_\_\_\_\_  
County \_\_\_\_\_  
API No. 230001526151  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. 23771

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>13 Bl 1/4 Down P</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	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY B-BARRELS Y-YARDS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Erik Gorzelc  
Phone No. 206 777 2781  
Truck No. 209  
WHP No. 24690

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 2/18/25 DRIVER'S SIGNATURE \_\_\_\_\_ DELIVERY DATE \_\_\_\_\_ DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP IN: <u>9:30 AM</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA
	Name/No. _____	<u>77</u>

Site Name/ Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W Received _____	BS&W (%) _____
-----------	------------	--------------	---------------------	----------------

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

NAME (PRINT) Jorge DATE 2/18/25 TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name: [Handwritten] Phone No. [Handwritten]

GENERATOR

RB 375185

Operator No., Operators Name, Address, City, State, Zip, Phone No., Permi/RRC No., Lease/Well Name & No., County, API No., Rig Name & No., AFE/PO No.

Table with 3 columns: Waste Type (Oil Based Muds, Water Based Muds, etc.), NON-INJECTABLE WATERS (Washout Water, Completion Fluid, etc.), OTHER EXEMPT WASTES

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.

QUANTITY B-BARRELS 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.
[ ] MSDS Information [ ] RCRA Hazardous Waste Analysis [ ] Other (Provide Description Below)

(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name, Address, Phone No., Driver's Name, Phone No., Truck No., WHP 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 DRIVER'S SIGNATURE

Table with 3 columns: TRUCK TIME STAMP (IN, OUT), DISPOSAL FACILITY, RECEIVING AREA (Name/No.)

Site Name/ Permit No. Red Bluff Facility / STF-065 Address 5053 US Hwy 285, Orla, TX 79770 Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No NORM (mR/hr)

TANK BOTTOMS

1st Gauge Feet Inches BS&W 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

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name: [Handwritten Name] Phone No.: [Handwritten Phone No.]

GENERATOR

Generator information fields: Operator No., Operators Name, Address, City, State, Zip, Phone No., Permit/RRC No., Lease/Well Name & No., County, API No., Rig Name & No., AFE/PO No. Includes handwritten 'RB 375436' and '30-015-11151'.

Table with 3 columns: Waste Type (Oil Based Muds, Water Based Muds, etc.), NON-INJECTABLE WATERS (Washout Water, Completion Fluid, etc.), OTHER EXEMPT WASTES (type and generation process of the waste). Includes handwritten 'Red Bluff' in the Other Exempt Wastes column.

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

QUANTITY: B-BARRELS, 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)

(PRINT) AUTHORIZED AGENT'S NAME, DATE, SIGNATURE

TRANSPORTER

Transporter information fields: Transporter's Name, Address, Phone No., Driver's Name, Phone No., Truck No., WHP 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, DRIVER'S SIGNATURE

TRUCK TIME STAMP (IN: OUT:), DISPOSAL FACILITY, RECEIVING AREA (Name/No.)

Site Name/ Permit No.: Red Bluff Facility / STF-065, 5053 US Hwy 285, Orla, TX 79770. Phone No.: 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO. If YES, was reading > 50 micro roentgens? (Circle One) Yes No. NORM (mR/hr)

TANK BOTTOMS

1st Gauge: Feet, Inches, BS&W 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

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR

Version 1 308.R360-5160



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name: [Handwritten] Phone No. [Handwritten]

GENERATOR

RB 375442

Operator No. [Blank]
Operators Name [Handwritten]
Address [Blank]
City, State, Zip [Handwritten]
Phone No. [Blank]

Permit/RRC No. [Blank]
Lease/Well [Blank]
Name & No. [Blank]
County [Blank]
API No. [Handwritten]
Rig Name & No. [Blank]
AFE/PO No. [Blank]

Table with columns for waste types (Oil Based Muds, Water Based Muds, etc.), NON-INJECTABLE WATERS, and OTHER EXEMPT WASTES.

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 [Blank] \*please select from Non-Exempt Waste List on back

QUANTITY B-BARRELS 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.
MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below)

(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name [Handwritten]
Address [Blank]
Phone No. [Blank]

Driver's Name [Handwritten]
Phone No. [Blank]
Truck No. [Handwritten]
WHP No. [Blank]

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

Table with columns: TRUCK TIME STAMP (IN, OUT), DISPOSAL FACILITY, RECEIVING AREA (Name/No.)

Site Name/ Permit No. Red Bluff Facility / STF-065
Address 5053 US Hwy 285, Oria, TX 79770

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No
NORM (mR/hr) [Blank]

TANK BOTTOMS

Table with columns: Feet, Inches, 1st Guage, BS&W 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

White - ORIGINAL

Blue - TRANSPORTER

Yellow - GENERATOR

Version 1 308.R360-5160



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name Roy Ramos Phone No. 432 313 234

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

RB 375542

Operator No. Operators Name BTA Address City, State, Zip Phone No. K Ramos a BTA Oil.com

Permit/RRC No. RGA Lease/Well #1 Name & No. County 30-0107-6151 API No. Rig Name & No. AFE/PO No. 23771

Table with 3 columns: Oil Based Muds, NON-INJECTABLE WATERS, OTHER EXEMPT WASTES. Includes items like Washout Water, Completion Fluid, Produced Water, and Belly Dump.

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.

QUANTITY B-BARRELS Y-YARDS 20 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.

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.

(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name SP Transport Address Phone No.

Driver's Name Erik G Phone No. Truck No. 209 WHP 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 2/19/25 DRIVER'S SIGNATURE Erik G

Table with 3 columns: TRUCK TIME STAMP (IN: 11:47 AM, OUT:), DISPOSAL FACILITY, RECEIVING AREA (Name/No. 8-7)

Site Name/ Permit No. Red Bluff Facility / STF-065 Address 5053 US Hwy 285, Orla, TX 79770 Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No NORM (mR/hr)

TANK BOTTOMS

Table with 4 columns: 1st Gauge (Feet, Inches), BS&W Received, BS&W (%)

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

Veronica Carrasco 2/19/25 Rec Carrasco NAME (PRINT) DATE TITLE SIGNATURE

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name Ray Ramos  
Phone No. 432 313238

GENERATOR

**RB 375441**

Operator No. \_\_\_\_\_  
Operators Name BTA  
Address \_\_\_\_\_  
City, State, Zip H Ramos @ BTA Oil .com  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well BBA #1  
Name & No. \_\_\_\_\_  
County \_\_\_\_\_  
API No. 30-01576151  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. 23771

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly 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	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ Y-YARDS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Erik G  
Phone No. \_\_\_\_\_  
Truck No. 209  
WHP 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 2/19/25 DRIVER'S SIGNATURE Erik G

TRUCK TIME STAMP IN: <u>9:52 AM</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>D7</u>
---	-------------------	--------------------------------------

Site Name/ Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES \_\_\_\_\_ NO \_\_\_\_\_ If YES, was reading > 50 micro roentgens? (Circle One) Yes \_\_\_\_\_ No \_\_\_\_\_  
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge \_\_\_\_\_ Feet \_\_\_\_\_ Inches \_\_\_\_\_ BS&W Received \_\_\_\_\_ BS&W (%) \_\_\_\_\_

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

NAME (PRINT) Ray Ramos DATE 2/19/25 TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name Roy Bures Phone No. 432-313-238

GENERATOR

RB 375539

Operator No. Permit/RRC No. Lease/Well Name & No. County API No. Rig Name & No. AFE/PO No. Operators Name Address City, State, Zip Phone No.

Table with 3 columns: Oil Based Muds, NON-INJECTABLE WATERS, OTHER EXEMPT WASTES. Includes items like Washout Water, Completion Fluid, Produced Water, etc.

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.

QUANTITY B-BARRELS 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)

(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name Address Phone No. Driver's Name Phone No. Truck No. WHP 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 DRIVER'S SIGNATURE

Table with 3 columns: TRUCK TIME STAMP, DISPOSAL FACILITY, RECEIVING AREA. Includes IN: OUT: Name/No.

Site Name/ Permit No. Address Phone No. Red Bluff Facility / STF-065 5053 US Hwy 285, Orla, TX 79770 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No NORM (mR/hr)

TANK BOTTOMS

Table with 4 columns: 1st Gauge, Feet, Inches, BS&W 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

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name Roy Ramos  
Phone No. 432-313-1228

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

Operator No. B.T.A  
Operators Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. RC 147 **RB** 375186  
Lease/Well Name & No. 30-015-96151  
County \_\_\_\_\_  
API No. \_\_\_\_\_  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. LUC # 93777

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly</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	
E&P Contaminated Soil <input checked="" type="checkbox"/>	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS 70 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)

\_\_\_\_\_  
(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name SP Transport LLC  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Jesus Marroquin  
Phone No. \_\_\_\_\_  
Truck No. 707  
WHP No. 4690

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 01-19-25 DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP IN: <u>9:55</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>D7</u>
--	-------------------	--------------------------------------

Site Name/ Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W Received _____	BS&W (%) _____
-----------	------------	--------------	---------------------	----------------

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

\_\_\_\_\_  
NAME (PRINT) DATE 01/19/25 TITLE SIGNATURE

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name Roy Ramos

Phone No. 432-313-1288

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

Operator No. B.T.A
Operators Name
Address
City, State, Zip
Phone No.

Permit/RRC No. RB 375188
Lease/Well Name & No. 30-015-26151
County
API No.
Rig Name & No. T.N.C # 23771
AFE/PO No.

Table with 3 columns: Waste Type, Quantity, and Description. Includes categories like Oil Based Muds, Water Based Muds, and NON-INJECTABLE WATERS.

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.

QUANTITY B-BARRELS 20 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.

- 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.
MSDS Information
RCRA Hazardous Waste Analysis
Other (Provide Description Below)

(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name SP Transport LLC
Address
Phone No.

Driver's Name Jesus Marroquin
Phone No.
Truck No. 707
WHP No. 4690

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

Table with 3 columns: TRUCK TIME STAMP, DISPOSAL FACILITY, RECEIVING AREA. Includes IN/OUT times and Name/No.

Site Name/ Permit No. Red Bluff Facility / STF-065
Address 5053 US Hwy 285, Orla, TX 79770
Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No
NORM (mR/hr)

TANK BOTTOMS

Table with 4 columns: 1st Gauge, Feet, Inches, BS&W 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

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name Ray Ramos

Phone No. 432-313-1288

(PLEASE PRINT) \*REQUIRED INFORMATION\*

**GENERATOR**

Operator No. B.T.A  
Operators Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. RG-1 # RB 375187  
Lease/Well Name & No. 30-015-96151  
County \_\_\_\_\_  
API No. \_\_\_\_\_  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. LUC # 93777

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>BEILY</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	
E&P Contaminated Soil <input checked="" type="checkbox"/>	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

**TRANSPORTER**

Transporter's Name SP Trans Port LLC  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Jesus Martinez  
Phone No. \_\_\_\_\_  
Truck No. 707  
WHP No. 4690

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 01-19-25 DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP IN: <u>11:56 AM</u> OUT: _____	<b>DISPOSAL FACILITY</b>	RECEIVING AREA Name/No. <u>N-7</u>
--	--------------------------	---------------------------------------

Site Name/ Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes NO  
NORM (mR/hr) \_\_\_\_\_

**TANK BOTTOMS**

1st Gauge \_\_\_\_\_ Feet \_\_\_\_\_ Inches \_\_\_\_\_ BS&W Received \_\_\_\_\_ BS&W (%) \_\_\_\_\_

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

NAME (PRINT) Vernon Arasco DATE 2/19/25 TITLE Rec SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man. Contact Information

Name Buy B...  
Phone No. 432 312 239

(PLEASE PRINT) 'REQUIRED INFORMATION'

GENERATOR

RB 375540

Operator No. \_\_\_\_\_  
Operators Name BTA  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well D/L #1  
Name & No. \_\_\_\_\_  
County \_\_\_\_\_  
API No. 0-215291  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____		
Water Based Muds _____		
Water Based Cuttings _____		
Produced Formation Solids _____		
Tank Bottoms _____	INTERNAL USE ONLY	<u>Belly Dump</u>
E&P Contaminated Soil _____		
Gas Plant Waste _____	Truck Washout (exempt 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

QUANTITY B-BARRELS Y-YARDS 20 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name SD Transport  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Erik G  
Phone No. \_\_\_\_\_  
Truck No. 299  
WHP 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

DRIVER'S SIGNATURE

TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: <u>7/26/23</u> OUT: _____	Name/No. _____	

Site Name/Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W 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

White - ORIGINAL

Blue - TRANSPORTER

Yellow - GENERATOR

Version 1  
308 R360 5160



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name Bob Perry

Phone No. 409 375 568

(PLEASE PRINT)

\*REQUIRED INFORMATION\*

**GENERATOR**

**RB 375568**

Operator No. BTA  
Operators Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well Name & No. 30 045 20151  
County \_\_\_\_\_  
API No. \_\_\_\_\_  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. TAC 12312

Oil Based Muds _____	<b>NON-INJECTABLE WATERS</b>	<b>OTHER EXEMPT WASTES</b> (type and generation process of the waste) <u>BCH</u>
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 _____	<b>INTERNAL USE ONLY</b>	
E&P Contaminated Soil <u>✓</u>	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

**TRANSPORTER**

Transporter's Name SP Transport LLC  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Sirus Huertan  
Phone No. \_\_\_\_\_  
Truck No. 707  
WHP No. 4019

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 <u>2:40</u> OUT _____	<b>DISPOSAL FACILITY</b>	RECEIVING AREA Name No. <u>27</u>
--	--------------------------	--------------------------------------

Site Name/ Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770  
Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) \_\_\_\_\_

**TANK BOTTOMS**

1st Gauge	Feet _____	Inches _____	BS&W 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 \_\_\_\_\_

White - ORIGINAL Blue TRANSPORTER Yellow GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name: [Handwritten]

Phone No: [Handwritten]

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

RB 375569

Operator No., Permit/RRC No., Lease/Well, Operator's Name, Name & No., Address, County, City, State, Zip, API No., Phone No., Rig Name & No., AFE/PO No.

Table with columns: Oil Based Muds, NON-INJECTABLE WATERS, OTHER EXEMPT WASTES. Rows include Washout Water, Completion Fluid, Produced Water, Gathering Line Water, INTERNAL USE ONLY, Truck Washout.

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.

QUANTITY B-BARRELS 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.
MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below)

(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name, Address, Phone No., Driver's Name, Phone No., Truck No., WHP 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 DRIVER'S SIGNATURE

Table with columns: TRUCK TIME STAMP, DISPOSAL FACILITY, RECEIVING AREA. Rows include IN: OUT: Name/No.

Site Name/ Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239 Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No NORM (mR/hr)

TANK BOTTOMS

Table with columns: Feet, Inches, BS&W Received, BS&W (%). Row: 1st Gauge

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

NAME (PRINT) DATE TITLE SIGNATURE

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name \_\_\_\_\_

Phone No. \_\_\_\_\_

GENERATOR

RB 375541

Operator No. \_\_\_\_\_ Permit/RRC No. \_\_\_\_\_  
 Lease/Well \_\_\_\_\_  
 Operators Name \_\_\_\_\_ Name & No. \_\_\_\_\_  
 Address \_\_\_\_\_ County \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_ API No. \_\_\_\_\_  
 Phone No. \_\_\_\_\_ Rig Name & No. \_\_\_\_\_  
 AFE/PO No. \_\_\_\_\_

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
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	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY	B-BARRELS	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)

\_\_\_\_\_  
 (PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name \_\_\_\_\_ Driver's Name \_\_\_\_\_  
 Address \_\_\_\_\_ Phone No. \_\_\_\_\_  
 Phone No. \_\_\_\_\_ Truck No. \_\_\_\_\_  
 WHP 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 DRIVER'S SIGNATURE

TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: _____ OUT: _____	Name/No. _____	

Site Name/ Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
 Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
 NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge 

Feet	Inches	BS&W 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

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name Ray Ramos

Phone No. 432 3131288

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

**RB 375064**

Operator No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_

Operators Name BTA

Lease/Well RGA#1

Address \_\_\_\_\_

Name & No. \_\_\_\_\_

City, State, Zip \_\_\_\_\_

County \_\_\_\_\_

Phone No. Ray Ramos @BTAoil.com

API No. 30-015-26151

Rig Name & No. \_\_\_\_\_

AFE/PO No. 23771

Oil Based Muds _____	<b>NON-INJECTABLE WATERS</b>	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly 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 _____	<b>INTERNAL USE ONLY</b>	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ Y-YARDS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport

Driver's Name Jalo

Address \_\_\_\_\_

Phone No. 806 4742109

Phone No. \_\_\_\_\_

Truck No. 908 9070

WHP No. 4690

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 02-14-25 DRIVER'S SIGNATURE Jalo

TRUCK TIME STAMP IN: <u>2:02p</u> OUT: _____	<b>DISPOSAL FACILITY</b>	RECEIVING AREA Name/No. <u>07</u>
---	--------------------------	--------------------------------------

Site Name/ Permit No. **Red Bluff Facility / STF-065** Phone No. **432-448-4239**  
Address **5053 US Hwy 285, Orla, TX 79770**

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge \_\_\_\_\_ Feet \_\_\_\_\_ Inches \_\_\_\_\_ BS&W 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 \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name Roy Ramos

Phone No. 432 313 1288

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

RB 375043

Operator No. \_\_\_\_\_  
Operators Name BTA  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. 1313 AMYS apt BTA Houston

Permit/RRC No. \_\_\_\_\_  
Lease/Well SP Transport  
Name & No. RGH #1  
County \_\_\_\_\_  
API No. 3001526151  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. 23771

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings	Washout Water (Non-Injectable)	<u>Belly 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	
E&P Contaminated Soil	Truck Washout (exempt waste)	
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

QUANTITY B-BARRELS \_\_\_\_\_ Y-YARDS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport + TAM services LLC  
Address 1311 S. Morris St Hobbs NM  
Phone No. \_\_\_\_\_

Driver's Name Lalo  
Phone No. 806 4742109  
Truck No. 01  
WHP No. 11690

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: <u>10:47</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>07</u>
---	-------------------	--------------------------------------

Site Name/ Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) 7

TANK BOTTOMS

1st Gauge	Feet _____ Inches _____	BS&W 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 \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name: Roy Ramos  
Phone No: 432 313 1288

GENERATOR

**RB** 375065

Operator No. BTA  
Operators Name SP Transport  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. Roy Ramos @BTAOil.com

Permit/RRC No. \_\_\_\_\_  
Lease/Well RGA #1  
Name & No. \_\_\_\_\_  
County \_\_\_\_\_  
API No. 30-015-26151  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. 23771

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly 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	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY B-BARRELS Y-YARDS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Lalo  
Phone No. 806 474 2109  
Truck No. 01  
WHP No. 23771 4690

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 2-19-25 DRIVER'S SIGNATURE Lalo

TRUCK TIME STAMP IN: <u>4:18</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>07</u>
--	-------------------	--------------------------------------

Site Name/ Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) 4

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W 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 \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name Roy R. ...

Phone No. 714-237-11...

GENERATOR

RB 375055

Operator No. \_\_\_\_\_  
Operators Name BTA  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. USA  
Lease/Well BTA  
Name & No. \_\_\_\_\_  
County \_\_\_\_\_  
API No. 3001921551  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. 714-237-11...

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings	Washout Water (Non-Injectable)	<u>Be 117</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	
E&P Contaminated Soil	Truck Washout (exempt waste)	
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

QUANTITY B-BARRELS 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name Red Bluff Facility  
Address 1215 S. ...  
Phone No. \_\_\_\_\_

Driver's Name ...  
Phone No. 512-638-1438  
Truck No. 102  
WHP No. 4696

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 2/14/25 DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP IN: <u>5:06pm</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>D7</u>
--	-------------------	--------------------------------------

Site Name/ Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES  NO  If YES, was reading > 50 micro roentgens? (Circle One) Yes  No   
NORM (mR/hr) 8

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W Received	BS&W (%)

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

NAME (PRINT) Jorge... DATE 2/14/25 TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name **Ray Ramos**

Phone No. **432 313 102**

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

**RB 375054**

Operator No. **BTA**  
Operators Name  
Address  
City, State, Zip  
Phone No.

Permit/RRC No. **2015 21551**  
Lease/Well  
Name & No.  
County  
API No.  
Rig Name & No. **Incident # 23771**  
AFE/PO No.

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings	Washout Water (Non-Injectable)	<b>B-e-11-1</b>
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	
E&P Contaminated Soil	Truck Washout (exempt waste)	
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*

QUANTITY **20** B-BARRELS **20** 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)

**Ray Ramos**  
(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name **SP Jensen**  
Address **1315 SC 501 Andrus TX 7974**  
Phone No.

Driver's Name **Jaylen**  
Phone No. **215 631 1473**  
Truck No. **102**  
WHP No. **4690**

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 **2/14/25**

DRIVER'S SIGNATURE

TRUCK TIME STAMP IN: <b>1:57pm</b> OUT:	DISPOSAL FACILITY	RECEIVING AREA Name/No. <b>D7</b>
--	-------------------	--------------------------------------

Site Name/ Permit No. **Red Bluff Facility / STF-065** Phone No. **432-448-4239**  
Address **5053 US Hwy 285, Orla, TX 79770**

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr)

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W Received	BS&W (%)
-----------	------	--------	---------------	----------

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?  
**Jaylen** **2/14/25** **Tran** **Jaylen**  
NAME (PRINT) DATE TITLE SIGNATURE

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name Rex B...

Phone No. 432 315 1222

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

RB 375044

Operator No. B74  
Operators Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. 25A  
Lease/Well LG 141  
Name & No. \_\_\_\_\_  
County \_\_\_\_\_  
API No. 300152151  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. T 11 H 23771

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	B.C. 11-4
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	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport  
Address 1215 Se 501  
Aurora, TX 79014  
Phone No. \_\_\_\_\_

Driver's Name Willie Jay Har  
Phone No. 515 671 1933  
Truck No. 107  
WHP No. 4690

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 2/14/25 DRIVER'S SIGNATURE JCH

TRUCK TIME STAMP IN: <u>10:27</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA
	Name/No. _____	<u>D7</u>

Site Name/Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES  NO  If YES, was reading > 50 micro roentgens? (Circle One) Yes  No   
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W Received _____	BS&W (%) _____
-----------	------------	--------------	---------------------	----------------

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

NAME (PRINT) John DATE 2/14/25 TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name: RAY RAMOS  
Phone No. 432-313-1288

GENERATOR

RB 375056

Operator No. BTA  
Operators Name  
Address  
City, State, Zip  
Phone No.

Permit/RRC No.  
Lease/Well RGA #1  
Name & No.  
County EDDY  
API No. 30-015-26151  
Rig Name & No.  
AFE/PO No. ENIG # 23771

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings	Washout Water (Non-Injectable)	Belly Dump
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	
E&P Contaminated Soil	Truck Washout (exempt waste)	
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

QUANTITY B-BARRELS 20 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)

(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name SP TRANSPORT LLC  
Address 1215 SE 501 ANDREWS TX 79714  
Phone No.

Driver's Name Julia O.  
Phone No. 575-631-1938  
Truck No. 101  
WHP No. 4690

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

DISPOSAL FACILITY

RECEIVING AREA

IN: 1:55 PM OUT: Name/No. 77

Site Name/ Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770  
Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr)

TANK BOTTOMS

1st Gauge Feet Inches BS&W 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

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name RAY RAMOS

Phone No. 432-313-1288

(PLEASE PRINT) \*REQUIRED INFORMATION\*

**GENERATOR**

Operator No. BTA  
Operators Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well RG A #1  
Name & No. \_\_\_\_\_  
County 8007  
API No. 30-015-26151  
Rig Name & No. \_\_\_\_\_  
AFE/PONO. In # 23771

**RB 375045**

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly Dumps</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	
E&P Contaminated Soil <input checked="" type="checkbox"/>	Truck Washout (exempt waste) _____	
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

QUANTITY 20 B-BARRELS 0 Y-YARDS 0 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

**TRANSPORTER**

Transporter's Name SP TRANSPORT LLC  
Address 1215 SE 501  
ANDREWS TX 79719  
Phone No. \_\_\_\_\_

Driver's Name Julio C. Orozco  
Phone No. 575-681-1429  
Truck No. 101  
WHP No. 4690

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 2/14/25 DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP IN: <u>10:27 AM</u> OUT: _____	<b>DISPOSAL FACILITY</b>	RECEIVING AREA Name/No. <u>07</u>
--	--------------------------	--------------------------------------

Site Name/ Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES  NO  If YES, was reading > 50 micro roentgens? (Circle One) Yes  No   
NORM (mR/hr) 2

**TANK BOTTOMS**

1st Gauge	Feet _____	Inches _____	BS&W Received _____	BS&W (%) _____
-----------	------------	--------------	---------------------	----------------

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

NAME (PRINT) Jay G... DATE 2/14/25 TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name \_\_\_\_\_

Phone No. \_\_\_\_\_

GENERATOR

Operator No. BTA  
Operators Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well RC-A #1  
Name & No. \_\_\_\_\_  
County EDDY  
API No. 30-015-26151  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. 23771

**RB 375057**

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>BELLY 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	
E&P Contaminated Soil <input checked="" type="checkbox"/>	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS 20 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)

Ray Ramirez

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name SP TRANSPORT LLC  
Address 1215 SE 501  
ANDREWS TX 79714  
Phone No. \_\_\_\_\_

Driver's Name Julio O.  
Phone No. 575-631-1438  
Truck No. 101  
WHP No. 4690

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 2/14/25

DRIVER'S SIGNATURE

TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: <u>375057</u> OUT: _____	Name/No. _____	

Site Name/Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes NO  
NORM (mR/hr) 8

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W Received _____	BS&W (%) _____
-----------	------------	--------------	---------------------	----------------

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

Jorge

NAME (PRINT)

DATE 2/14/25

TITLE

SIGNATURE

White - ORIGINAL

Blue - TRANSPORTER

Yellow - GENERATOR

Version 1  
308.R360-5160



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name RAY RAMOS

Phone No. 422-313-6998

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

Operator No. BTA  
Operators Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well RG A #1  
Name & No. \_\_\_\_\_  
County \_\_\_\_\_  
API No. 30-015-26151  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. INC 23771

**RB 375155**

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>BELLY DUMPS</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	
E&P Contaminated Soil <input checked="" type="checkbox"/>	Truck Washout (exempt waste) _____	
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

QUANTITY 20 B-BARRELS 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP TRANSPORT LLC  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Julio O.  
Phone No. 579-631-1438  
Truck No. 101  
WHP No. 4890

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 2/15/25 DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP IN: <u>11:24 AM</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. _____
--	-------------------	----------------------------------

Site Name/Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) 4

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W Received _____	BS&W (%) _____
-----------	------------	--------------	---------------------	----------------

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

NAME (PRINT) Ray Ramos DATE 2/15/25 TITLE Tr SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name: RAY RAMOS  
Phone No: 432-313-1288

GENERATOR

RB 375063

Operator No. BTA Permit/RRC No. RB 375063  
Operators Name Lease/Well RGA #1  
Address County  
City, State, Zip API No. 30-015-26751  
Phone No. Rig Name & No.  
AFE/PO No. INC # 23771

Oil Based Muds	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
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	
E&P Contaminated Soil	Truck Washout (exempt waste)	
Gas Plant Waste		BECCY DUMP

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

QUANTITY B-BARRELS 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)

(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name SP TRANSPORT LLC Driver's Name Julio O.  
Address Phone No. 525-621-1438  
Truck No. 101  
Phone No. WHP No. 4690

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	DISPOSAL FACILITY	RECEIVING AREA
IN: 90612 OUT:	Name/No. D7	

Site Name/ Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) 8

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W 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

White - ORIGINAL

Blue - TRANSPORTER

Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name Ray Ramos  
Phone No. 432-312-1288

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

**RB 375156**

Operator No. BTA  
Operators Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well REGA #1  
Name & No. \_\_\_\_\_  
County \_\_\_\_\_  
API No. 30-015-26115  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. ENC 23771

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>BELLY 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	
E&P Contaminated Soil <input checked="" type="checkbox"/>	Truck Washout (exempt waste) _____	
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

QUANTITY 20 B-BARRELS 0 Y-YARDS 0 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP TRANSPORT LLC  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Julio O.  
Phone No. 575-621-1438  
Truck No. 101  
WHP No. 4690

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 5/15/25 DRIVER'S SIGNATURE \_\_\_\_\_ DELIVERY DATE 5/15/25 DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP IN: <u>1:26/25</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>D7</u>
---	-------------------	--------------------------------------

Site Name/Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) 7

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W Received _____	BS&W (%) _____
-----------	------------	--------------	---------------------	----------------

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_  
NAME (PRINT) Jorge Garcia DATE 5/15/25 TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name Ray Ramos

Phone No. 432 313 1288

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

RB 375068

Operator No. \_\_\_\_\_  
Operators Name S B Tarans  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. FR Ramos @ SBTNOIL.COM

Permit/RRC No. \_\_\_\_\_  
Lease/Well REA #1  
Name & No. \_\_\_\_\_  
County \_\_\_\_\_  
API No. 30-815-26151  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. 23771

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly 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	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
Gas Plant Waste _____		
WASTE GENERATION PROCESS: <input type="checkbox"/> DRILLING <input type="checkbox"/> COMPLETION <input type="checkbox"/> PRODUCTION <input type="checkbox"/> 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

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ Y-YARDS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Lalo  
Phone No. 806 474 2109  
Truck No. 401 4690  
WHP 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 2-15-25 DRIVER'S SIGNATURE \_\_\_\_\_ DELIVERY DATE \_\_\_\_\_ DRIVER'S SIGNATURE Lalo

TRUCK TIME STAMP IN: <u>11537A</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>7</u>
--	-------------------	-------------------------------------

Site Name/Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770  
NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W Received _____	BS&W (%) _____
-----------	------------	--------------	---------------------	----------------

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_  
NAME (PRINT) Jorge Garcia DATE 2/15/25 TITLE Truck SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name Ray Ramos  
Phone No. 432 313 1288

GENERATOR

Operator No. \_\_\_\_\_ Permit/RRC No. RB 375070  
Operators Name RBTA Lease/Well RG4 #1 #1  
Address \_\_\_\_\_ Name & No. \_\_\_\_\_  
City, State, Zip \_\_\_\_\_ County \_\_\_\_\_  
Phone No. R.Ramos@RBTAOil.com API No. 30-018-26181  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. 2397171

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly 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	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ Y-YARDS 20 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)

\_\_\_\_\_  
(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name SP Transport Driver's Name Lalo  
Address \_\_\_\_\_ Phone No. 8064742190  
Phone No. \_\_\_\_\_ Truck No. 01  
WHP No. 4690

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 2-15-25 DRIVER'S SIGNATURE Lalo

TRUCK TIME STAMP IN: <u>9:50 AM</u> OUT: _____	DISPOSAL FACILITY Name/No. _____	RECEIVING AREA Name/No. _____
---	-------------------------------------	----------------------------------

Site Name/ Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) Y

TANK BOTTOMS

1st Guage \_\_\_\_\_ Feet \_\_\_\_\_ Inches \_\_\_\_\_  
BS&W Received \_\_\_\_\_ BS&W (%) \_\_\_\_\_

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? \_\_\_\_\_  
NAME (PRINT) Jorge Lora DATE 2/15/25 TITLE Truck SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name: Ra Ramos  
Phone No: 432 313 1288

GENERATOR

RB 375069

Operator No. \_\_\_\_\_ Permit/RRC No. \_\_\_\_\_  
Operators Name BTA Lease/Well RR 5A #1  
Address BTA Name & No. \_\_\_\_\_  
City, State, Zip \_\_\_\_\_ County \_\_\_\_\_  
Phone No. R.RAMOS@BTAoil.com API No. 30-0915-26751  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. 223771

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
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	
E&P Contaminated Soil _____	Truck Washout (exempt waste)	
Gas Plant Waste _____		<u>Belly Dump</u>

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

QUANTITY B-BARRELS Y-YARDS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport Driver's Name Lalou  
Address \_\_\_\_\_ Phone No. 806 474 2109  
Phone No. \_\_\_\_\_ Truck No. \_\_\_\_\_  
WHP No. 4690

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 2-15-25 DRIVER'S SIGNATURE Lalo

TRUCK TIME STAMP IN: <u>1:38</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>77</u>
--	-------------------	--------------------------------------

Site Name/ Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W Received	BS&W (%)

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?  
NAME (PRINT) Jorge DATE 2/15/25 TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR

TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information



(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name Red Bluff  
Phone No. 432-432-1222

GENERATOR

RB 375062

Operator No. B74 Permit/RRC No. R 92  
Lease/Well D 6241  
Operators Name \_\_\_\_\_ Name & No. \_\_\_\_\_  
Address \_\_\_\_\_ County \_\_\_\_\_  
City, State, Zip \_\_\_\_\_ API No. 3201526751  
Phone No. \_\_\_\_\_ Rig Name & No. \_\_\_\_\_  
AFEPO No. \_\_\_\_\_ AFE/PO No. \_\_\_\_\_

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Below</u> Drilling - Waste generated while drilling the well Initial Completion - Waste generated on the initial completion Production - Waste generated during the production Commercial Facilities - Waste generated at commercial facilities In Transit - Waste which is shipped while in transit
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	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE 02/15/25 SIGNATURE JCC

TRANSPORTER

Transporter's Name SO Transport Driver's Name Sen fu  
Address 1215 So 501 Phone No. 535 631 1428  
AAA So 501 Truck No. 6  
Phone No. \_\_\_\_\_ WHP 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 2/15/25 DRIVER'S SIGNATURE JCC

TRUCK TIME STAMP IN: <u>1:28</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>17</u>
--	-------------------	--------------------------------------

Site Name/Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge \_\_\_\_\_ Feet \_\_\_\_\_ Inches \_\_\_\_\_  
BS&W Received \_\_\_\_\_ BS&W (%) \_\_\_\_\_

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

NAME (PRINT) Sen fu DATE 2/15/25 TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name REY RAMOS

Phone No. 432-3131222

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

RB 375060

Operator No. BTA  
Operators Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. 264  
Lease/Well Name & No. 25241  
County \_\_\_\_\_  
API No. 3061526151  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	Drilling - Waste generated while drilling the well
Water Based Muds _____	Completion Fluid/Flow Back (Non-Injectable) _____	Initial Completion - Waste generated on the original completion
Water Based Cuttings _____	Produced Water (Non-Injectable) _____	Production - Waste generated during the production
Produced Formation Solids _____	Gathering Line Water/Waste (Non-Injectable) _____	Commercial Facilities - Waste from production facilities
Tank Bottoms _____	INTERNAL USE ONLY	In Transit - Waste which is spilled while in transit
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY	B-BARRELS	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)

(PRINT) AUTHORIZED AGENTS NAME

DATE 2/15/25

SIGNATURE JCH

TRANSPORTER

Transporter's Name SP TRANSPORT  
Address 1215 SC 501  
AMARILLO, TX 79914  
Phone No. \_\_\_\_\_

Driver's Name Jim H...  
Phone No. 545 631 1473  
Truck No. 6  
WHP 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 2/15/25

DRIVER'S SIGNATURE JCH

TRUCK TIME STAMP

IN: 1:35:02 OUT: \_\_\_\_\_

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 77

Site Name/Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) 8

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W Received	BS&W (%)
-----------	------	--------	---------------	----------

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

NAME (PRINT) Jorge Lopez

DATE 2/15/25

TITLE Truck

SIGNATURE JCH

White - ORIGINAL

Blue - TRANSPORTER

Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name Rev. Ramos  
Phone No. 432-3131222

GENERATOR

Operator No. 834  
Operators Name BTA  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. RB 375061  
Lease/Well 264H  
Name & No. \_\_\_\_\_  
County \_\_\_\_\_  
API No. 300152151  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. 23711

Oil Based Muds _____	NON-INJECTABLE WATERS _____	OTHER EXEMPT WASTES (type and generation process of the waste) _____
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 _____	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_

DATE 2/15/25

SIGNATURE JRC

TRANSPORTER

Transporter's Name SP Transport  
Address 1215 So 501 Ave. 6ms TX 79914  
Phone No. \_\_\_\_\_

Driver's Name Jerry Flores  
Phone No. 512 631 1438  
Truck No. 6  
WHP 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 \_\_\_\_\_

DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP

IN: 9:35 AM OUT: \_\_\_\_\_

DISPOSAL FACILITY

RECEIVING AREA

Name/No. \_\_\_\_\_

Site Name/Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES  NO  If YES, was reading > 50 micro roentgens? (Circle One) Yes  No   
NORM (mR/hr) 8

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W Received _____	BS&W (%) _____
-----------	------------	--------------	---------------------	----------------

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

NAME (PRINT) Jorge Lopez

DATE 2/15/25

TITLE \_\_\_\_\_

SIGNATURE \_\_\_\_\_

White - ORIGINAL

Blue - TRANSPORTER

Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name RAY RAMOS

Phone No. 432 2131259

Operator No. BTA  
Operators Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

**GENERATOR**

Permit/RRC No. **RB 375166**  
Lease/Well Name & No. BCAXI  
County \_\_\_\_\_  
API No. 2001526151  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. INC 22771

Oil Based Muds	_____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	<u>BEILY Damp</u> <small>Drilling - Waste generated while drilling the well Initial Completion - Waste generated on the original completion Production - Waste generated during the production phase Commercial Facilities - Waste generated at commercial facilities In Transit - Waste which is spilled while in transit</small>
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	
E&P Contaminated Soil	<input checked="" type="checkbox"/>	Truck Washout (exempt waste)	
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

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ Y-YARDS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

**TRANSPORTER**

Transporter's Name SP Transport  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Jesus Chavez AD  
Phone No. 281 850 75 82  
Truck No. 45  
WHP No. 4690

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 2/15/25 DRIVER'S SIGNATURE Jesus Chavez AD

TRUCK TIME STAMP IN: <u>1:34 PM</u> OUT: _____	<b>DISPOSAL FACILITY</b>	RECEIVING AREA Name/No. <u>D7</u>
---	--------------------------	--------------------------------------

Site Name/Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770  
Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES  NO  If YES, was reading > 50 micro roentgens? (Circle One) Yes  No   
NORM (mR/hr) 7

**TANK BOTTOMS**

1st Gauge \_\_\_\_\_ Feet \_\_\_\_\_ Inches  
BS&W Received \_\_\_\_\_ BS&W (%) \_\_\_\_\_

I hereby certify that the above load material has been (circle one): ACCEPTED  DENIED  If denied, why? \_\_\_\_\_  
NAME (PRINT) Jay Garcia DATE 2/15/25 TITLE TIC SIGNATURE \_\_\_\_\_



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name RAY RAMOS

Phone No. 432-313-1288

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

Operator No. BTA

Permit/RRC No. RB 375058

Operators Name \_\_\_\_\_

Lease/Well RGA #1

Address \_\_\_\_\_

Name & No. \_\_\_\_\_

City, State, Zip \_\_\_\_\_

County \_\_\_\_\_

Phone No. \_\_\_\_\_

API No. 30-015-26151

Rig Name & No. \_\_\_\_\_

AFE/PO No. INC 23771

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	Production - Waste generated during the production process Completion - Waste generated on the original completion Initial Completion - Waste generated during the initial completion process Gathering Line - Waste generated during the gathering line process INTERNAL USE ONLY Truck Washout (exempt waste) _____
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	
E&P Contaminated Soil <input checked="" type="checkbox"/>	Truck Washout (exempt waste) _____	<u>BECCY DUMP</u>
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

QUANTITY B-BARRELS Y-YARDS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport

Driver's Name Jesus Edwards A.D.

Address \_\_\_\_\_

Phone No. 281 850 75 92

Phone No. \_\_\_\_\_

Truck No. X3

WHP No. 4690

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 5/15/25 DRIVER'S SIGNATURE \_\_\_\_\_ DELIVERY DATE 5/15/25 DRIVER'S SIGNATURE Jesus Edwards A.D.

TRUCK TIME STAMP IN: <u>9:30 AM</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>D7</u>
---	-------------------	--------------------------------------

Site Name/Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES  NO  If YES, was reading > 50 micro roentgens? (Circle One) Yes  No   
NORM (mR/hr) 8

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W Received _____	BS&W (%) _____
-----------	------------	--------------	---------------------	----------------

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

NAME (PRINT) Jesus Edwards DATE 5/15/25 TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

White - ORIGINAL

Blue - TRANSPORTER

Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name RAY RAMOS

Phone No. 432-313-1258

GENERATOR

Operator No. BTA  
Operators Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. RB 375165  
Lease/Well Name & No. RCA #1  
County \_\_\_\_\_  
API No. 30-015-26151  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. JMC 23731

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>BEILLY 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	
E&P Contaminated Soil <input checked="" type="checkbox"/>	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ Y-YARDS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Jesús Eduardo A.V  
Phone No. 281-450-7582  
Truck No. 25  
WHP No. 4690

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 2/15/25 DRIVER'S SIGNATURE \_\_\_\_\_ DELIVERY DATE 2/15/25 DRIVER'S SIGNATURE Jesús Eduardo A.V

TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: <u>11-76-77</u> OUT: _____		Name/No. <u>D3</u>

Site Name/Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W Received _____	BS&W (%) _____
-----------	------------	--------------	---------------------	----------------

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?  
NAME (PRINT) Jorge... DATE 2/15/25 TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

White - ORIGINAL

Blue - TRANSPORTER

Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name RAY RAMOS

Phone No. 432-313-1288

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

**RB** 375059

Operator No. BTA  
Operators Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well RGA #1  
Name & No. \_\_\_\_\_  
County \_\_\_\_\_  
API No. 30-015-26151  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. INCF# 23771

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>BECCY 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	
E&P Contaminated Soil <input checked="" type="checkbox"/>	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ 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)

\_\_\_\_\_  
(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP TRANSPORT LLC  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Jesus Montoya  
Phone No. 212 375 3868  
Truck No. 107  
WHP No. 4690

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 2/15/25 DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP IN: <u>9:09am</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. <u>87</u>
--	-------------------	--------------------------------------

Site Name/Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770  
NORM READINGS TAKEN? (Circle One) YES  NO  If YES, was reading > 50 micro roentgens? (Circle One) Yes  No   
NORM (mR/hr) 8

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W Received _____	BS&W (%) _____
-----------	------------	--------------	---------------------	----------------

I hereby certify that the above load material has been (circle one): ACCEPTED  DENIED  If denied, why? \_\_\_\_\_  
NAME (PRINT) Jorge Leon DATE 2/15/25 TITLE RM SIGNATURE \_\_\_\_\_

White - ORIGINAL

Blue - TRANSPORTER

Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information  
Name Ray Ramos  
Phone No. 432-313-1288

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

**RB** 375179

Operator No. BTA  
Operators Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well 861 #1  
Name & No. \_\_\_\_\_  
County 30-015 76151  
API No. \_\_\_\_\_  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. TWC H23741

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly</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	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY 70 B-BARRELS 70 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name SP Transport Co  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Jesus Hernandez  
Phone No. 817 335 3868  
Truck No. 107  
WHP No. 4690

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

DISPOSAL FACILITY

RECEIVING AREA

IN: 10:57 AM OUT: \_\_\_\_\_

Name/No. 7

Site Name/Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES  NO  If YES, was reading > 50 micro roentgens? (Circle One) Yes  No   
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W 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

White - ORIGINAL

Blue - TRANSPORTER

Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name Ray Ramos  
Phone No. 432-313-2288

GENERATOR

Operator No. B.T.A Permit/RRC No. **RB 375180**  
Operators Name \_\_\_\_\_ Lease/Well 7.61#7  
Address \_\_\_\_\_ Name & No. \_\_\_\_\_  
County 30-015-26151  
API No. \_\_\_\_\_  
City, State, Zip \_\_\_\_\_ Rig Name & No. TRC # 23117  
Phone No. \_\_\_\_\_ AFE/PO No. \_\_\_\_\_

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly</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	
E&P Contaminated Soil <u>J</u>	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport LLC Driver's Name Jesus Martinez  
Address \_\_\_\_\_ Phone No. 818 335 3868  
Phone No. \_\_\_\_\_ Truck No. 107  
WHP No. 4690

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 01-15-25 DRIVER'S SIGNATURE \_\_\_\_\_

TRUCK TIME STAMP

DISPOSAL FACILITY

RECEIVING AREA

IN: 1-16-25 OUT: \_\_\_\_\_ Name/No. \_\_\_\_\_

Site Name/Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge	Feet	Inches	BS&W Received	BS&W (%)

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

NAME (PRINT) Jorge Lopez DATE 5/15/25 TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name Raf Ramos

Phone No 323 312 998

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

Operator No. \_\_\_\_\_  
Operators Name BTN  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. Ramos@BTN.com

Permit/RRC No. \_\_\_\_\_  
Lease/Well 12CA#1  
Name & No. \_\_\_\_\_  
County \_\_\_\_\_  
API No. 30-015-26151  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. 23771

**RB** 375066

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Belly 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	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY B-BARRELS Y-YARDS 20 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name SP Transport  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Lalo  
Phone No. 806 474 2109  
Truck No. 01  
WHP No. 4690

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 5-15-25 DRIVER'S SIGNATURE Lalo

TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: <u>12</u> OUT: _____	Name/No. _____	

Site Name/ Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W Received _____	BS&W (%) _____
-----------	------------	--------------	---------------------	----------------

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

NAME (PRINT) John DATE \_\_\_\_\_ TITLE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR

Version 1 308 R360 5/90



TEXAS NON HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT)

\*REQUIRED INFORMATION\*

Name Ray Garcia  
Phone No. 727-311-1000

GENERATOR

**RB** 375157

Operator No. BTA  
Operators Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. \_\_\_\_\_  
Lease/Well REA 71  
Name & No. \_\_\_\_\_  
County \_\_\_\_\_  
API No. 30-010-201151  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. EM 2/11

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings _____	Washout Water (Non-Injectable) _____	<u>Brill Dust</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	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ 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)

(PRINT) AUTHORIZED AGENTS NAME

DATE

SIGNATURE

TRANSPORTER

Transporter's Name ST - 2017 LLC  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name Justin O.  
Phone No. 727-311-1139  
Truck No. \_\_\_\_\_  
WHP No. 4030

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	DISPOSAL FACILITY	RECEIVING AREA
IN: _____ OUT: _____	_____	Name/No _____

Site Name/ Permit No. Red Bluff Facility / STF-065  
Address 5053 US Hwy 285, Orla, TX 79770

Phone No. 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

Feet _____	Inches _____	BS&W 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

White - ORIGINAL

Blue - TRANSPORTER

Yellow - GENERATOR

Version 1  
308 R360 5160

3PT TEXAS NON HAZARDOUS OILFIELD WASTE MANIFESTS

NICHOLS PRINTING, INC. - 575-885-3313



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Name: [Handwritten] Phone No: [Handwritten]

GENERATOR

RB 375169

Operator No: [Handwritten] Operators Name: [Handwritten] Address: [Handwritten] City, State, Zip: [Handwritten] Phone No: [Handwritten]

Permit/RRC No. [Handwritten] Lease/Well Name & No. [Handwritten] County [Handwritten] API No. [Handwritten] Rig Name & No. [Handwritten] AFE/PO No. [Handwritten]

Table with columns: Waste Type (Oil Based Muds, etc.), NON-INJECTABLE WATERS (Washout Water, etc.), INTERNAL USE ONLY (Truck Washout), OTHER EXEMPT WASTES (type and generation process of the 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

QUANTITY: B-BARRELS [Handwritten] Y-YARDS [Handwritten] E-EACH [Handwritten]

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)

(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name: [Handwritten] Address: [Handwritten] Phone No: [Handwritten]

Driver's Name: [Handwritten] Phone No: [Handwritten] Truck No: [Handwritten] WHP No: [Handwritten]

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

Table with columns: TRUCK TIME STAMP (IN, OUT), DISPOSAL FACILITY, RECEIVING AREA (Name/No)

Site Name/ Permit No: Red Bluff Facility / STF-065 Address: 5053 US Hwy 285, Orla, TX 79770 Phone No: 432-448-4239

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No NORM (mR/hr)

TANK BOTTOMS

Table with columns: Feet, Inches, 1st Gauge, BS&W 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

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

(PLEASE PRINT)

\*REQUIRED INFORMATION\*

Name Ray Roman

Phone No 137-333-3333

GENERATOR

RB 375181

Operator No. 174  
Operators Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No \_\_\_\_\_

Permit/RRC No \_\_\_\_\_  
Lease Well \_\_\_\_\_  
Name & No. \_\_\_\_\_  
County \_\_\_\_\_  
API No \_\_\_\_\_  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. \_\_\_\_\_

Oil Based Muds _____	NON-INJECTABLE WATERS _____	OTHER EXEMPT WASTES (type and generation process of the waste) <u>Boiler</u>
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 _____	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ 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)

(PRINT) AUTHORIZED AGENTS NAME \_\_\_\_\_ DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

TRANSPORTER

Transporter's Name J.P. Transport  
Address \_\_\_\_\_  
Phone No \_\_\_\_\_

Driver's Name John Franklin  
Phone No. 714-335-3333  
Truck No. 707  
WHP No. 4610

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 Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Permit No. \_\_\_\_\_  
Address 5053 US Hwy 285, Orla, TX 79770

NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge	Feet _____	Inches _____	BS&W 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 \_\_\_\_\_

White - ORIGINAL Blue - TRANSPORTER Yellow - GENERATOR

Version 1 308 R360 5160



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Man Contact Information

Name \_\_\_\_\_

Phone No. \_\_\_\_\_

(PLEASE PRINT) \*REQUIRED INFORMATION\*

GENERATOR

RB 375192

Operator No. BT4  
Operators Name \_\_\_\_\_  
Address \_\_\_\_\_  
City, State, Zip \_\_\_\_\_  
Phone No. \_\_\_\_\_

Permit/RRC No. 10411  
Lease/Well \_\_\_\_\_  
Name & No. \_\_\_\_\_  
County \_\_\_\_\_  
API No. 30-13-01151  
Rig Name & No. \_\_\_\_\_  
AFE/PO No. 2000-2771

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 WASTES (Type and generation process of the waste)  <u>None</u>
Oil Based Cuttings _____		
Water Based Muds _____		
Water Based Cuttings _____		
Produced Formation Solids _____		
Tank Bottoms _____	INTERNAL USE ONLY	
E&P Contaminated Soil _____	Truck Washout (exempt waste) _____	
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

QUANTITY \_\_\_\_\_ B-BARRELS \_\_\_\_\_ 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)

\_\_\_\_\_  
(PRINT) AUTHORIZED AGENTS NAME DATE SIGNATURE

TRANSPORTER

Transporter's Name SP Transport  
Address \_\_\_\_\_  
Phone No. \_\_\_\_\_

Driver's Name John...  
Phone No. 512-621-1111  
Truck No. 06  
WHP 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

TRUCK TIME STAMP IN: <u>7:40</u> OUT: _____	DISPOSAL FACILITY	RECEIVING AREA Name/No. _____
--	-------------------	----------------------------------

Site Name/Permit No. Red Bluff Facility / STF-065 Phone No. 432-448-4239  
Address 5053 US Hwy 285, Orla, TX 79770  
NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgens? (Circle One) Yes No  
NORM (mR/hr) \_\_\_\_\_

TANK BOTTOMS

1st Gauge Feet \_\_\_\_\_ Inches \_\_\_\_\_ BS&W Received \_\_\_\_\_ BS&W (%) \_\_\_\_\_

I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why?  
Jorge... 5/6/25 1111 SIGNATURE

# **APPENDIX G**

## **Analytical Data**



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

---

February 18, 2025

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: RGA #1 RELEASE REMEDIATION

Enclosed are the results of analyses for samples received by the laboratory on 02/13/25 15:35.

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](http://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 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:	02/13/2025	Sampling Date:	02/13/2025
Reported:	02/18/2025	Sampling Type:	Soil
Project Name:	RGA #1 RELEASE REMEDIATION	Sampling Condition:	Cool & Intact
Project Number:	nAPP2228347919	Sample Received By:	Shari Cisneros
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS - 1 @ 16' (H250890-01)**

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	02/14/2025	ND	1.97	98.4	2.00	0.182	
Toluene*	<0.050	0.050	02/14/2025	ND	2.16	108	2.00	1.33	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.25	112	2.00	1.78	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.61	110	6.00	1.43	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	02/14/2025	ND	416	104	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	02/14/2025	ND	195	97.6	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	184	92.1	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 72.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.9 % 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:	02/13/2025	Sampling Date:	02/13/2025
Reported:	02/18/2025	Sampling Type:	Soil
Project Name:	RGA #1 RELEASE REMEDIATION	Sampling Condition:	Cool & Intact
Project Number:	nAPP2228347919	Sample Received By:	Shari Cisneros
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS - 2 @ 16' (H250890-02)**

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	02/14/2025	ND	1.97	98.4	2.00	0.182	
Toluene*	<0.050	0.050	02/14/2025	ND	2.16	108	2.00	1.33	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.25	112	2.00	1.78	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.61	110	6.00	1.43	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	02/18/2025	ND	416	104	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	02/14/2025	ND	195	97.6	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	184	92.1	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 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:	02/13/2025	Sampling Date:	02/13/2025
Reported:	02/18/2025	Sampling Type:	Soil
Project Name:	RGA #1 RELEASE REMEDIATION	Sampling Condition:	Cool & Intact
Project Number:	nAPP2228347919	Sample Received By:	Shari Cisneros
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS - 3 @ 16' (H250890-03)**

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	02/14/2025	ND	1.97	98.4	2.00	0.182	
Toluene*	<0.050	0.050	02/14/2025	ND	2.16	108	2.00	1.33	
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.25	112	2.00	1.78	
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.61	110	6.00	1.43	
Total BTEX	<0.300	0.300	02/14/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	02/14/2025	ND	480	120	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	02/14/2025	ND	195	97.6	200	3.05	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	184	92.1	200	3.76	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 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

**Analytical Results For:**

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

Received:	02/13/2025	Sampling Date:	02/13/2025
Reported:	02/18/2025	Sampling Type:	Soil
Project Name:	RGA #1 RELEASE REMEDIATION	Sampling Condition:	Cool & Intact
Project Number:	nAPP2228347919	Sample Received By:	Shari Cisneros
Project Location:	BTA - EDDY CO NM		

**Sample ID: SW 3 ( 0-16' ) (H250890-04)**

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	02/14/2025	ND	1.97	98.4	2.00	0.182		
Toluene*	<0.050	0.050	02/14/2025	ND	2.16	108	2.00	1.33		
Ethylbenzene*	<0.050	0.050	02/14/2025	ND	2.25	112	2.00	1.78		
Total Xylenes*	<0.150	0.150	02/14/2025	ND	6.61	110	6.00	1.43		
Total BTEX	<0.300	0.300	02/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	32.0	16.0	02/14/2025	ND	480	120	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	02/14/2025	ND	195	97.6	200	3.05		
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	184	92.1	200	3.76		
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND						

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 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

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.

*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**

Company Name: <u>Tetra Tech</u> Project Manager: <u>Nick Poole</u>		P.O. #: Company: <u>BTA</u> Attn: <u>Ray Ramos</u>	
Address: City: _____ State: _____ Zip: _____		Address: City: _____ State: _____ Zip: _____	
Phone #: _____ Fax #: _____		Project #: <u>APP2224347919</u> Project Owner: _____	
Project Name: <u>RA#1 Release Remediation</u>		Project Location: <u>Eddy County, NM</u>	
Sampler Name: <u>Cele Onfivers</u>		Fax #: _____	
FOR LAB USE ONLY			
Lab I.D.: <u>H250890</u>	Sample I.D.:	(G)RAB OR (C)OMP.	# CONTAINERS
FS-1 <u>016'</u> FS-2 <u>016'</u> FS-3 <u>016'</u> SW3 <u>(0-16')</u>	(G)RAB OR (C)OMP.	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	MATRIX PRESERV.
		ACID/BASE: ICE / COOL OTHER:	SAMPLING
		DATE TIME	ANALYSIS REQUEST
		X X X X X X X X X X X X X X X	TPH (DRO-GRO-ORO) BTEX Ch 4500
Relinquished By: <u>Cele Onfivers</u>		Received By: <u>Shaw Jimenez</u>	
Date: <u>2-13-25</u> Time: <u>3:35 pm</u>		Date: _____ Time: _____	
Delivered By: (Circle One) _____		Observed Temp. °C: <u>4.8</u>	
Sampler - UPS - Bus - Other: _____		Corrected Temp. °C: <u>5.4</u>	
Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <u>[Signature]</u>	
Turnaround Time: _____		Standard <input checked="" type="checkbox"/> <u>RUSH</u>	
Thermometer ID #140 Correction Factor <u>-0.5</u>		Bacteria (only) Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C: _____	
REMARKS: _____			
Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ All Results are emailed. Please provide Email address: _____			

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



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

---

February 19, 2025

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: RGA #1 RELEASE REMEDIATION

Enclosed are the results of analyses for samples received by the laboratory on 02/14/25 14:34.

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](http://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 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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	RGA #1 RELEASE REMEDIATION	Sampling Condition:	Cool & Intact
Project Number:	nAPP2228347919	Sample Received By:	Alyssa Parras
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS - 4 @ 16' (H250913-01)**

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	02/17/2025	ND	2.09	105	2.00	0.00731	
Toluene*	<0.050	0.050	02/17/2025	ND	2.14	107	2.00	0.00738	
Ethylbenzene*	<0.050	0.050	02/17/2025	ND	2.08	104	2.00	0.194	
Total Xylenes*	<0.150	0.150	02/17/2025	ND	6.14	102	6.00	0.0667	
Total BTEX	<0.300	0.300	02/17/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	32.0	16.0	02/17/2025	ND	416	104	400	3.77	

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	02/14/2025	ND	197	98.5	200	6.00	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	192	96.0	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	RGA #1 RELEASE REMEDIATION	Sampling Condition:	Cool & Intact
Project Number:	nAPP2228347919	Sample Received By:	Alyssa Parras
Project Location:	BTA - EDDY CO NM		

**Sample ID: SW 4 0-16' (H250913-02)**

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	02/17/2025	ND	2.09	105	2.00	0.00731	
Toluene*	<0.050	0.050	02/17/2025	ND	2.14	107	2.00	0.00738	
Ethylbenzene*	<0.050	0.050	02/17/2025	ND	2.08	104	2.00	0.194	
Total Xylenes*	<0.150	0.150	02/17/2025	ND	6.14	102	6.00	0.0667	
Total BTEX	<0.300	0.300	02/17/2025	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	02/17/2025	ND	416	104	400	3.77	

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	02/14/2025	ND	197	98.5	200	6.00	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	192	96.0	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	RGA #1 RELEASE REMEDIATION	Sampling Condition:	Cool & Intact
Project Number:	nAPP2228347919	Sample Received By:	Alyssa Parras
Project Location:	BTA - EDDY CO NM		

**Sample ID: SW 8 0-16' (H250913-03)**

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	02/17/2025	ND	2.09	105	2.00	0.00731		
Toluene*	<0.050	0.050	02/17/2025	ND	2.14	107	2.00	0.00738		
Ethylbenzene*	<0.050	0.050	02/17/2025	ND	2.08	104	2.00	0.194		
Total Xylenes*	<0.150	0.150	02/17/2025	ND	6.14	102	6.00	0.0667		
Total BTEX	<0.300	0.300	02/17/2025	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	02/17/2025	ND	416	104	400	3.77		

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	02/14/2025	ND	197	98.5	200	6.00		
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	192	96.0	200	3.56		
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND						

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 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:	02/14/2025	Sampling Date:	02/14/2025
Reported:	02/19/2025	Sampling Type:	Soil
Project Name:	RGA #1 RELEASE REMEDIATION	Sampling Condition:	Cool & Intact
Project Number:	nAPP2228347919	Sample Received By:	Alyssa Parras
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS - 6 @ 16' (H250913-04)**

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	02/17/2025	ND	2.09	105	2.00	0.00731	
Toluene*	<0.050	0.050	02/17/2025	ND	2.14	107	2.00	0.00738	
Ethylbenzene*	<0.050	0.050	02/17/2025	ND	2.08	104	2.00	0.194	
Total Xylenes*	<0.150	0.150	02/17/2025	ND	6.14	102	6.00	0.0667	
Total BTEX	<0.300	0.300	02/17/2025	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	02/17/2025	ND	416	104	400	3.77	

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	02/14/2025	ND	197	98.5	200	6.00	
DRO >C10-C28*	<10.0	10.0	02/14/2025	ND	192	96.0	200	3.56	
EXT DRO >C28-C36	<10.0	10.0	02/14/2025	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 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.

Celey D. Keene, Lab Director/Quality Manager





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

---

February 20, 2025

NICHOLAS POOLE

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: RGA #1 RELEASE REMEDIATION

Enclosed are the results of analyses for samples received by the laboratory on 02/17/25 14:40.

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](http://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:	02/17/2025	Sampling Date:	02/17/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RGA #1 RELEASE REMEDIATION	Sampling Condition:	Cool & Intact
Project Number:	nAPP2228347919	Sample Received By:	Alyssa Parras
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS-7 @ 16' (H250942-01)**

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	02/18/2025	ND	1.91	95.4	2.00	2.09	
Toluene*	<0.050	0.050	02/18/2025	ND	2.02	101	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/18/2025	ND	1.99	99.5	2.00	1.99	
Total Xylenes*	<0.150	0.150	02/18/2025	ND	5.87	97.8	6.00	2.20	
Total BTEX	<0.300	0.300	02/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	32.0	16.0	02/18/2025	ND	416	104	400	3.77	

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	02/18/2025	ND	187	93.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	02/18/2025	ND	189	94.4	200	9.04	
EXT DRO >C28-C36	<10.0	10.0	02/18/2025	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 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:	02/17/2025	Sampling Date:	02/17/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RGA #1 RELEASE REMEDIATION	Sampling Condition:	Cool & Intact
Project Number:	nAPP2228347919	Sample Received By:	Alyssa Parras
Project Location:	BTA - EDDY CO NM		

**Sample ID: SW5 @ 0-16' (H250942-02)**

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	02/18/2025	ND	1.91	95.4	2.00	2.09	
Toluene*	<0.050	0.050	02/18/2025	ND	2.02	101	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/18/2025	ND	1.99	99.5	2.00	1.99	
Total Xylenes*	<0.150	0.150	02/18/2025	ND	5.87	97.8	6.00	2.20	
Total BTEX	<0.300	0.300	02/18/2025	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	<16.0	16.0	02/18/2025	ND	416	104	400	3.77	

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	02/18/2025	ND	187	93.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	02/18/2025	ND	189	94.4	200	9.04	
EXT DRO >C28-C36	<10.0	10.0	02/18/2025	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	02/17/2025	Sampling Date:	02/17/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RGA #1 RELEASE REMEDIATION	Sampling Condition:	Cool & Intact
Project Number:	nAPP2228347919	Sample Received By:	Alyssa Parras
Project Location:	BTA - EDDY CO NM		

**Sample ID: SW7 @ 0-16' (H250942-03)**

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	02/18/2025	ND	1.91	95.4	2.00	2.09	
Toluene*	<0.050	0.050	02/18/2025	ND	2.02	101	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/18/2025	ND	1.99	99.5	2.00	1.99	
Total Xylenes*	<0.150	0.150	02/18/2025	ND	5.87	97.8	6.00	2.20	
Total BTEX	<0.300	0.300	02/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	02/18/2025	ND	416	104	400	3.77	

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	02/18/2025	ND	187	93.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	02/18/2025	ND	189	94.4	200	9.04	
EXT DRO >C28-C36	<10.0	10.0	02/18/2025	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 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:	02/17/2025	Sampling Date:	02/17/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RGA #1 RELEASE REMEDIATION	Sampling Condition:	Cool & Intact
Project Number:	nAPP2228347919	Sample Received By:	Alyssa Parras
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS8 @ 8' (H250942-04)**

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	02/18/2025	ND	1.91	95.4	2.00	2.09	
Toluene*	<0.050	0.050	02/18/2025	ND	2.02	101	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/18/2025	ND	1.99	99.5	2.00	1.99	
Total Xylenes*	<0.150	0.150	02/18/2025	ND	5.87	97.8	6.00	2.20	
Total BTEX	<0.300	0.300	02/18/2025	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	<16.0	16.0	02/18/2025	ND	416	104	400	3.77	

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	02/18/2025	ND	187	93.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	02/18/2025	ND	189	94.4	200	9.04	
EXT DRO >C28-C36	<10.0	10.0	02/18/2025	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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:	02/17/2025	Sampling Date:	02/17/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RGA #1 RELEASE REMEDIATION	Sampling Condition:	Cool & Intact
Project Number:	nAPP2228347919	Sample Received By:	Alyssa Parras
Project Location:	BTA - EDDY CO NM		

**Sample ID: SW6 @ 0-8' (H250942-05)**

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	02/18/2025	ND	1.91	95.4	2.00	2.09	
Toluene*	<0.050	0.050	02/18/2025	ND	2.02	101	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/18/2025	ND	1.99	99.5	2.00	1.99	
Total Xylenes*	<0.150	0.150	02/18/2025	ND	5.87	97.8	6.00	2.20	
Total BTEX	<0.300	0.300	02/18/2025	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	02/18/2025	ND	416	104	400	3.77	

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	02/18/2025	ND	187	93.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	02/18/2025	ND	189	94.4	200	9.04	
EXT DRO >C28-C36	<10.0	10.0	02/18/2025	ND					

Surrogate: 1-Chlorooctane 103 % 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

**Analytical Results For:**

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

Received:	02/17/2025	Sampling Date:	02/17/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RGA #1 RELEASE REMEDIATION	Sampling Condition:	Cool & Intact
Project Number:	nAPP2228347919	Sample Received By:	Alyssa Parras
Project Location:	BTA - EDDY CO NM		

**Sample ID: SW1 @ 0-2' (H250942-06)**

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	02/18/2025	ND	1.91	95.4	2.00	2.09	
Toluene*	<0.050	0.050	02/18/2025	ND	2.02	101	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/18/2025	ND	1.99	99.5	2.00	1.99	
Total Xylenes*	<0.150	0.150	02/18/2025	ND	5.87	97.8	6.00	2.20	
Total BTEX	<0.300	0.300	02/18/2025	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	32.0	16.0	02/18/2025	ND	416	104	400	3.77	

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	02/18/2025	ND	187	93.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	02/18/2025	ND	189	94.4	200	9.04	
EXT DRO >C28-C36	<10.0	10.0	02/18/2025	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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:	02/17/2025	Sampling Date:	02/17/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RGA #1 RELEASE REMEDIATION	Sampling Condition:	Cool & Intact
Project Number:	nAPP2228347919	Sample Received By:	Alyssa Parras
Project Location:	BTA - EDDY CO NM		

**Sample ID: SW2 @ 0-3.5' (H250942-07)**

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	02/18/2025	ND	1.91	95.4	2.00	2.09	
Toluene*	<0.050	0.050	02/18/2025	ND	2.02	101	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/18/2025	ND	1.99	99.5	2.00	1.99	
Total Xylenes*	<0.150	0.150	02/18/2025	ND	5.87	97.8	6.00	2.20	
Total BTEX	<0.300	0.300	02/18/2025	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	02/18/2025	ND	416	104	400	3.77	

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	02/18/2025	ND	187	93.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	02/18/2025	ND	189	94.4	200	9.04	
EXT DRO >C28-C36	<10.0	10.0	02/18/2025	ND					

Surrogate: 1-Chlorooctane 104 % 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

**Analytical Results For:**

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

Received:	02/17/2025	Sampling Date:	02/17/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RGA #1 RELEASE REMEDIATION	Sampling Condition:	Cool & Intact
Project Number:	nAPP2228347919	Sample Received By:	Alyssa Parras
Project Location:	BTA - EDDY CO NM		

**Sample ID: FS5 @ 16' (H250942-08)**

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	02/18/2025	ND	1.91	95.4	2.00	2.09	
Toluene*	<0.050	0.050	02/18/2025	ND	2.02	101	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/18/2025	ND	1.99	99.5	2.00	1.99	
Total Xylenes*	<0.150	0.150	02/18/2025	ND	5.87	97.8	6.00	2.20	
Total BTEX	<0.300	0.300	02/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	02/18/2025	ND	416	104	400	3.77	

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	02/18/2025	ND	187	93.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	02/18/2025	ND	189	94.4	200	9.04	
EXT DRO >C28-C36	<10.0	10.0	02/18/2025	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.4 % 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

**Analytical Results For:**

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

Received:	02/17/2025	Sampling Date:	02/17/2025
Reported:	02/20/2025	Sampling Type:	Soil
Project Name:	RGA #1 RELEASE REMEDIATION	Sampling Condition:	Cool & Intact
Project Number:	nAPP2228347919	Sample Received By:	Alyssa Parras
Project Location:	BTA - EDDY CO NM		

**Sample ID: PIT #2 (H250942-09)**

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	02/18/2025	ND	1.91	95.4	2.00	2.09	
Toluene*	<0.050	0.050	02/18/2025	ND	2.02	101	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/18/2025	ND	1.99	99.5	2.00	1.99	
Total Xylenes*	<0.150	0.150	02/18/2025	ND	5.87	97.8	6.00	2.20	
Total BTEX	<0.300	0.300	02/18/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 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	64.0	16.0	02/18/2025	ND	416	104	400	3.77	

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	02/18/2025	ND	187	93.4	200	2.12	
DRO >C10-C28*	<10.0	10.0	02/18/2025	ND	189	94.4	200	9.04	
EXT DRO >C28-C36	<10.0	10.0	02/18/2025	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 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

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.

*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



## **APPENDIX H Seed Mix**

### Custom Soil Resource Report Soil Map



Soil Map may not be valid at this scale.

Map Scale: 1:578 if printed on A portrait (8.5" x 11") sheet.

0 5 10 20 30 Meters

0 25 50 100 150 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 13N WGS84

Custom Soil Resource Report

**MAP LEGEND**

**Area of Interest (AOI)**

 Area of Interest (AOI)

**Soils**

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

**Special Point Features**

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

**Water Features**

 Streams and Canals

**Transportation**

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

**Background**

 Aerial Photography

**MAP INFORMATION**

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL:  
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico  
 Survey Area Data: Version 20, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Custom Soil Resource Report

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
At	Atoka loam, 1 to 3 percent slopes	0.0	4.1%
Uo	Upton gravelly loam, 0 to 9 percent slopes	0.9	95.9%
<b>Totals for Area of Interest</b>		<b>0.9</b>	<b>100.0%</b>

## Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however,

## Custom Soil Resource Report

onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Custom Soil Resource Report

## Eddy Area, New Mexico

### At—Atoka loam, 1 to 3 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w41  
*Elevation:* 1,100 to 4,300 feet  
*Mean annual precipitation:* 7 to 14 inches  
*Mean annual air temperature:* 60 to 70 degrees F  
*Frost-free period:* 200 to 240 days  
*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Atoka and similar soils:* 98 percent  
*Minor components:* 2 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Atoka

##### Setting

*Landform:* Plains  
*Landform position (three-dimensional):* Riser  
*Down-slope shape:* Convex  
*Across-slope shape:* Linear  
*Parent material:* Mixed alluvium

##### Typical profile

*H1 - 0 to 8 inches:* loam  
*H2 - 8 to 33 inches:* loam  
*H3 - 33 to 37 inches:* indurated

##### Properties and qualities

*Slope:* 1 to 3 percent  
*Depth to restrictive feature:* 20 to 40 inches to petrocalcic  
*Drainage class:* Well drained  
*Runoff class:* High  
*Capacity of the most limiting layer to transmit water (Ksat):* Very low to moderately low (0.00 to 0.06 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 15 percent  
*Maximum salinity:* Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water supply, 0 to 60 inches:* Moderate (about 6.4 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 3e  
*Land capability classification (nonirrigated):* 7e  
*Hydrologic Soil Group:* C  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

## Custom Soil Resource Report

### Minor Components

#### Atoka

*Percent of map unit:* 1 percent  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

#### Upton

*Percent of map unit:* 1 percent  
*Ecological site:* R070BC025NM - Shallow  
*Hydric soil rating:* No

### Uo—Upton gravelly loam, 0 to 9 percent slopes

#### Map Unit Setting

*National map unit symbol:* 1w67  
*Elevation:* 1,100 to 4,400 feet  
*Mean annual precipitation:* 7 to 15 inches  
*Mean annual air temperature:* 60 to 70 degrees F  
*Frost-free period:* 200 to 240 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Upton and similar soils:* 96 percent  
*Minor components:* 4 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Upton

##### Setting

*Landform:* Ridges, fans  
*Landform position (three-dimensional):* Side slope, rise  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Parent material:* Residuum weathered from limestone

##### Typical profile

*H1 - 0 to 9 inches:* gravelly loam  
*H2 - 9 to 13 inches:* gravelly loam  
*H3 - 13 to 21 inches:* cemented  
*H4 - 21 to 60 inches:* very gravelly loam

##### Properties and qualities

*Slope:* 0 to 9 percent  
*Depth to restrictive feature:* 7 to 20 inches to petrocalcic  
*Drainage class:* Well drained  
*Runoff class:* High  
*Capacity of the most limiting layer to transmit water (Ksat):* Low to moderately high  
(0.01 to 0.60 in/hr)  
*Depth to water table:* More than 80 inches

### Custom Soil Resource Report

*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 75 percent  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Sodium adsorption ratio, maximum:* 1.0  
*Available water supply, 0 to 60 inches:* Very low (about 1.4 inches)

#### **Interpretive groups**

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 7s  
*Hydrologic Soil Group:* D  
*Ecological site:* R070BC025NM - Shallow  
*Hydric soil rating:* No

#### **Minor Components**

##### **Reagan**

*Percent of map unit:* 1 percent  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

##### **Atoka**

*Percent of map unit:* 1 percent  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

##### **Atoka**

*Percent of map unit:* 1 percent  
*Ecological site:* R070BC007NM - Loamy  
*Hydric soil rating:* No

##### **Upton**

*Percent of map unit:* 1 percent  
*Ecological site:* R070BC025NM - Shallow  
*Hydric soil rating:* No

## References

---

- American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.
- American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.
- Federal Register. July 13, 1994. Changes in hydric soils of the United States.
- Federal Register. September 18, 2002. Hydric soils of the United States.
- Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.
- National Research Council. 1995. Wetlands: Characteristics and boundaries.
- Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2\\_054262](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_054262)
- Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service, U.S. Department of Agriculture Handbook 436. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2\\_053577](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053577)
- Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2\\_053580](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053580)
- Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.
- United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.
- United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2\\_053374](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2_053374)
- United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. <http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084>

Custom Soil Resource Report

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2\\_054242](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242)

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. [http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2\\_053624](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053624)

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. [http://www.nrcs.usda.gov/Internet/FSE\\_DOCUMENTS/nrcs142p2\\_052290.pdf](http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf)

# NMSLO Seed Mix

# Coarse (CS)

**COARSE (CS) SITES SEED MIXTURE:**

COMMON NAME	VARIETY	APPLICATION RATE (PLS/Acre)	DRILL BOX
<b>Grasses:</b>			
Sand bluestem	VNS, Southern	2.0	F
Sideoats grama	Vaughn, El Reno	2.0	F
Blue grama	Hachita, Lovington	1.5	D
Little bluestem	Cimmaron, Pastura	1.5	F
Sand dropseed	VNS, Southern	1.0	S
Plains bristlegrass	VNS, Southern	0.75	D
<b>Forbs:</b>			
Parry penstemon	VNS, Southern	1.0	D
Desert globemallow	VNS, Southern	1.0	D
White prairieclover	Kaneb, VNS	0.5	D
Sulfur buckwheat	VNS, Southern	0.5	D
<b>Shrubs:</b>			
Fourwing saltbush	VNS, Southern	1.0	D
Skunkbush sumac	VNS, Southern	1.0	D
Common winterfat	VNS, Southern	1.0	F
Fringed sagewort	VNS, Southern	0.5	F
		<b>Total PLS/acre</b>	<b>18.25</b>

S = Small seed drill box, D = Standard seed drill box, F = Fluffy seed drill box

- VNS, Southern – No Variety Stated, seed should be from a southern latitude collection of this species.
- Double above seed rates for broadcast or hydroseeding.
- If Parry is not available, substitute firecracker penstemon.
- If desert globemallow is not available, substitute scarlet globemallow.
- If one species is not available, provide a suggested substitute to the New Mexico Land Office for approval. Increasing all other species proportionately may be acceptable.



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 459207

**QUESTIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 459207
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2228347919
Incident Name	NAPP2228347919 RGA #1 @ 30-015-26151
Incident Type	Oil Release
Incident Status	Reclamation Report Received
Incident Well	[30-015-26151] RGA #001

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	RGA #1
Date Release Discovered	10/07/2022
Surface Owner	Private

<b>Incident Details</b>	
<i>Please answer all the questions in this group.</i>	
Incident Type	Oil 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

<b>Nature and Volume of Release</b>	
<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	Cause: Equipment Failure   Producing Well   Crude Oil   Released: 7 BBL   Recovered: 5 BBL   Lost: 2 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Producing Well   Produced Water   Released: 5 BBL   Recovered: 3 BBL   Lost: 2 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)	Stuffing Box Failure. Spill onto pad immediately around the wellhead and on caliche well pad.

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 459207

**QUESTIONS (continued)**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 459207
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>No</b>
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

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

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Samantha Allen Title: Tetrattech Email: Samantha.allen@tetrattech.com Date: 05/06/2025
--	---

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 459207

**QUESTIONS (continued)**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 459207
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1000 (ft.) and ½ (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	11400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	12400
GRO+DRO (EPA SW-846 Method 8015M)	12400
BTEX (EPA SW-846 Method 8021B or 8260B)	68.5
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	02/13/2025
On what date will (or did) the final sampling or liner inspection occur	02/13/2025
On what date will (or was) the remediation complete(d)	02/18/2025
What is the estimated surface area (in square feet) that will be reclaimed	17000
What is the estimated volume (in cubic yards) that will be reclaimed	1020
What is the estimated surface area (in square feet) that will be remediated	2894
What is the estimated volume (in cubic yards) that will be remediated	1020

*These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.*

*The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.*

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 459207

**QUESTIONS (continued)**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 459207
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

**Remediation Plan (continued)**

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.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	HALFWAY DISPOSAL AND LANDFILL [FEEM0112334510]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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 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: Samantha Allen Title: Tetrattech Email: Samantha.allen@tetrattech.com Date: 05/06/2025
--	---

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.

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 459207

**QUESTIONS (continued)**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 459207
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Deferral Requests Only</b>	
<i>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.</i>	
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 459207

**QUESTIONS (continued)**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 459207
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>430203</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>02/13/2025</b>
What was the (estimated) number of samples that were to be gathered	<b>16</b>
What was the sampling surface area in square feet	<b>2160</b>

**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	2894
What was the total volume (cubic yards) remediated	1020
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	17000
What was the total volume (in cubic yards) reclaimed	1020

Summarize any additional remediation activities not included by answers (above)	From February 13 to March 3, 2025, Tetra Tech personnel were onsite to supervise the remediation and reclamation activities proposed in the approved (Ensolum) Work Plan, including excavation, disposal, and confirmation sampling. The areas within the release footprint were excavated to a maximum depth of 16 feet below surrounding grade. Areas in the immediate vicinity of the wellhead were scraped to approximately 1-6 in bgs. All excavated material was transported off-site for proper disposal. Approximately 1,020 cubic yards of material were transported to the R360 Halfway Landfill in Hobbs, New Mexico. Per the NMOCD-approved confirmation sampling plan, confirmation samples were collected such that each discrete sample (sidewall and floor) was representative of no more than 200 square feet of excavated area. A total of eight (8) confirmation floor sample locations and eight (8) confirmation sidewall sample locations were used during additional remedial activities.
---	--

*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: Samantha Allen Title: Tetrattech Email: Samantha.allen@tetrattech.com Date: 05/06/2025
--	---

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 459207

**QUESTIONS (continued)**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 459207
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

**Reclamation Report**

*Only answer the questions in this group if all reclamation steps have been completed.*

Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	17000
What was the total volume of replacement material (in cubic yards) for this site	1200

*Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.*

Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	04/01/2025

Summarize any additional reclamation activities not included by answers (above)	Based on 19.15.29.13 NMAC, all areas disturbed by the remediation have been reclaimed. 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 reclamation requirements and established Site RRALs to demonstrate compliance. All final confirmation soil samples (floor and sidewall) were below applicable cleanup levels for chloride, TPH and BTEX. The soil cover included a top layer consisting of one foot of suitable material to establish vegetation at the site. The area was seeded following backfilling to aid in revegetation. Based on the soils of the site, the NMSLO Course (CS) Seed Mixture was used for seeding and was planted in the amount specified in the pounds pure live seed (PLS) per acre. One (1) representative 5-point composite sample was collected from the backfill material used for the reclamation of the project site.
---	--

*The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 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: Samantha Allen Title: Tetrattech Email: Samantha.allen@tetrattech.com Date: 05/06/2025
--	---

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 8

Action 459207

**QUESTIONS (continued)**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 459207
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Revegetation Report</b>	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</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**

CONDITIONS

Action 459207

**CONDITIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 459207
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**CONDITIONS**

Created By	Condition	Condition Date
amaxwell	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	5/15/2025
amaxwell	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	5/15/2025