



February 27, 2024

District Supervisor
Oil Conservation Division, District 2
811 S. First St.
Artesia, New Mexico 88210

**Re: Closure Report
ConocoPhillips (Heritage COG Operating, LLC)
Illustrated Man Fee Com 1H Release
Unit Letter B, Section 2, Township 25 South, Range 28 East
Eddy County, New Mexico
2RP- 4320
Incident ID NAB1721930866**

Dear Sir or Madam:

Tetra Tech, Inc. (Tetra Tech) was contacted by ConocoPhillips Company (COPC) to assess and evaluate previous remedial actions connected with a historical Heritage COG Operating, LLC (COG) release incident associated with the Illustrated Man Fee Com 1H (API # 30-015-41025). The approximate release site coordinates are 32.166314°, -104.056595°, located in the Public Land Survey System (PLSS) Unit Letter B, Section 2, Township 25 South, Range 28 East, Eddy County, New Mexico (Site). The Site location is shown on Figures 1 and 2. The site is located on federal lands managed by the Bureau of Land Management (BLM).

BACKGROUND

According to the State of New Mexico Oil Conservation Division (NMOCD) C-141 Initial Report (Appendix A), the release was discovered on July 26, 2017. The release occurred due to a valve on a flowline failing and approximately 25 bbls of produced water were released, of which 20 bbls were recovered by vacuum truck. The release footprint is located on a pad site for the High Net Federal #001 (API# 30-015-35602). The NMOCD received the initial C-141 on July 28, 2017, and subsequently assigned the release the Remediation Permit (RP) number 2RP-4320 and the Incident ID NAB1721930866.

The Illustrated Man Fee Com 1H release incident (2RP-4320/NAB1721930866) is included in an Agreed Compliance Order (ACO) with the NMOCD, related to unresolved releases from COPC's predecessor-in-interest (COG). The ACO required COPC to submit characterization and/or remediation plans with proposed timeframes for the ongoing corrective actions or remediations identified to the NMOCD no later than March 1, 2023. As of March 11, 2022, COPC has submitted characterization and remediation plans for all of the properties identified and owned. All documentation was submitted in accordance with ACO terms. These documents have been submitted to the NMOCD via CentreStack, a Secure Access & File Sharing platform, at the direction of Mr. Bradford Billings, NMOCD. Talon LPE (Talon) was initially contracted to perform the remediation activities. A Remediation and Closure Report was drafted by Talon and submitted as a portion of the ACO.

LAND OWNERSHIP

The Site is located on land owned by the BLM. This is a previously disturbed area; however, Ms. Shelly Taylor of the BLM cleared the Site for remediation activities via email on January 10, 2024. Email correspondence with the BLM is included in Appendix B.

Tetra Tech

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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 nearest mapped area of induced seismicity is more than five (5) miles from the Site. The Site is within a New Mexico oil and gas production area.

According to the New Mexico Office of the State Engineers (NMOSE) reporting system, there are no water wells within an 800-meter radius (approximately ½-mile) of the Site. According to the NMOSE, there is one well within a 1.5-mile radius with a depth to water of 90 ft. The Site is in an area of high karst potential. The site characterization data are shown in Appendix C.

2018 WORK PLAN AND NMOCD APPROVAL

On August 22, 2017, COG personnel were onsite to evaluate and sample the release area. Three (3) sample trenches (T-1, T-2, and T-3) were installed in the release footprint to total depths of 24 ft below surface. Additionally, four (4) trenches (North, South, East, and West) were installed outside the release footprint to depths of 1 ft below surface to define the horizontal extents of the release. Selected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B and chloride by EPA method 300.0. The analytical results from the 2017 soil assessment are summarized in Table 1. The trench locations are shown on Figure 3.

Due to the lithology in the area which consists of silty sand and gypsum formations, personnel returned to the site on November 21, 2017 to assess background chloride concentrations in native soils. One (1) background boring (BG-1) was installed to a total depth of 40 feet bgs at a location approximately 145 ft southwest of the release area. The borehole locations are indicated on Figure 3.

Selected samples were analyzed for chlorides by EPA method 300.0. Analytical results associated with the BG-1 location indicate that natural chloride concentrations range from a high of 8,056 mg/kg at 10 ft bgs to a low of 16.1 mg/kg at 0-1 ft bgs. Chloride concentrations indicate a natural trend, increasing with depth. The analytical results associated with the 2017 soil assessment are summarized on Table 1.

Based on the results of the assessment activities, a Work Plan was completed by Tetra Tech and submitted to NMOCD, on behalf of COG, via email in 2018. The same Workplan was resubmitted to NMOCD via email in January 2019. The Work Plan was approved by Mike Bratcher of the NMOCD on Wednesday, May 23, 2018, with stipulations as follows:

- *"One foot excavation in the area identified as T-1, based on 8/22/17 sampling data.*
- *Notify the OCD District 2 office in the event proposed excavation depths are not achieved.*
- *Notify the OCD District 2 office once remedial activities have been scheduled.*
- *Federal sites will require like approval from BLM."*

Regulatory correspondence is included in Appendix B.

2019 REMEDIATION AND CLOSURE REPORT AND NMOCD REJECTION

On behalf of COG, Talon executed remedial activities at the incident Site in accordance with the approved Work Plan and subsequently submitted a Remediation and Closure Report dated January 18, 2019, which outlined the remedial activities completed. Per Talon's report, impacted soil in the vicinity of T-1 was excavated to a depth of 1 ft as approved by the NMOCD and BLM, and confirmation samples were obtained per regulatory stipulations collected and analyzed for TPH, BTEX and chloride. A total of five (5) samples were collected from four (4) sidewall locations (North, South, East, and West) and one (1) floor location (Bottom). The samples were submitted to Cardinal to be analyzed for chlorides via EPA Method 4500.0. Analytical results associated with the 2018 soil remediation activities are summarized in Table 2.

All excavated soil was transported to R360, a NMOCD-approval soil waste disposal facility. The excavated area was backfilled with topsoil and left in rough condition to approximate natural surface deviations.

Based on the figures and text of the report, the impacted soil in the vicinity of T-2 was reportedly excavated to 4 ft deep pursuant to the approved Work Plan. However, there were no confirmation samples collected for this area. Only the previously mentioned sidewall and floor samples were indicated in the Talon Closure Report.

Talon prepared a Remediation and Closure Report dated January 18, 2019, which described the remedial actions taken at the Site. This report was submitted to the NMOCD as a portion of the Heritage COG ACO list submittals through EMNRD CentreStack, referred to as Internal Manual Incident File Supporting Documentation (ENV) (IM-BNF).

The Remediation and Closure Report was rejected by NMOCD on November 29, 2022 for the following reasons:

- *“Work detailed in the provided closure report did not follow the approved work plan. The area excavated (Figure 3) did not match the proposed excavated area (Figure 4).*
- *Work will need to be done in accordance with 19.15.29 NMAC.*
- *Please submit a work plan or closure report to the OCD by March 1, 2023.”*

An extension for incident ID NAB1721930866 was submitted to the NMOCD on March 2, 2023. The extension was approved on March 9, 2023, for a due date of May 30, 2023. Copies of the regulatory correspondence are included in Appendix B.

MARCH 2023 ADDITIONAL SITE ASSESSMENT AND SAMPLING RESULTS

Based on the NMOCD rejection, COPC requested that Tetra Tech reevaluate the release. Tetra Tech personnel returned to the site on March 13, 2023, to evaluate whether Talon remediated areas of trench locations T-2 and T-3. Hand auger sampling (AH) was initially scoped for confirmation, but shallow auger refusal necessitated trenching. Sample location nomenclature (AH-X) was preserved to reduce confusion.

Tetra Tech personnel returned to the Site on March 14, 2023, with a backhoe to complete sampling within the areas reportedly remediated by Talon. Eight (8) trenches were completed to 4 ft bgs. A total of thirty-two (32) samples were collected and submitted to Cardinal Laboratories and analyzed for chlorides via EPA Method 4500.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B. Sampling locations are shown in Figure 5.

Results from the March 2023 additional soil assessment events are summarized in Table 3. Analytical results associated with the AH-2, AH-3, AH-4, AH-5, AH-6, and AH-7 locations (installed/trenched inside the purported previously excavated area) exceeded the reclamation limit of 600 mg/kg chloride down to 4 ft bgs. All analytical results were below the most stringent Table I standards for TPH (100 mg/kg), benzene (10 mg/kg), and total BTEX (50 mg/kg).

MAY 2023 WORK PLAN

A Release Characterization and Remediation Work Plan (May 2023 Work Plan) describing the additional assessment activities and results was prepared by Tetra Tech on behalf of COPC and submitted to the NMOCD via the online fee portal on May 8, 2023.

The Work Plan was rejected by Ashley Maxwell of the NMOCD via email on May 9, 2023. The reasons for the rejection are as follows:

- *“In the rejection dated November 29, 2022, it states that work will need to be done in accordance with 19.15.29 NMAC.*
- *The release is located in an area of high karst and therefore subject to the most stringent standards in Table 1 19.15.29.12 NMAC.*

- *Additional delineation, vertical and horizontal, is required to determine the full extent of the chloride impact of the release.*
- *Submit a work plan via the OCD permitting portal by August 18, 2023."*

On September 8, 2023, Tetra Tech requested a 60-day extension on behalf of COPC to complete the required additional assessment and associated reporting for the Site. The extension request was approved by the NMOCD on September 11, 2023, for a due date of October 17, 2023. Copies of the regulatory correspondence are included in Appendix B.

SEPTEMBER 2023 ADDITIONAL SITE ASSESSMENT AND SAMPLING RESULTS

A conference call between Tetra Tech representatives and NMOCD representatives was held on September 8, 2023. In the call, Ashley Maxwell of the NMOCD reviewed the May 2023 Work Plan, the previously installed background boring, and the work completed to date. Based on the data collected to date, a variance request was submitted to the NMOCD via email on September 11, 2023, to delineate to a slightly higher chloride concentration.

Based on the call conclusions (and rejection of the May 2023 Work Plan), Tetra Tech personnel returned to the Site on September 11, 2023, to conduct additional soil sampling to fully delineate the subsurface impacts of the release. Two (2) borings (BH-23-2 and BH-23-3) were installed within the release footprint and four (4) borings (BH-23-4 through BH-23-7) were installed outside the release footprint with a truck mounted air rotary rig. One (1) background borehole (BG-23-1) was installed in the adjacent pasture to a total depth of 25 ft bgs in order to evaluate chloride concentrations in native soils. Boring locations are presented in Figure 5.

A total of forty-five (45) samples were collected and submitted to Cardinal Laboratories and analyzed for selected constituents. The background boring samples were only analyzed for chlorides via SM 4500.0. The remainder of the samples were analyzed for chlorides via SM 4500.0, TPH via EPA Method 8015M, and BTEX via EPA Method 8021B.

Results from the September 2023 additional soil assessment are summarized in Table 3. Analytical results associated with sample locations BH-23-2 and BH-23-3 correlate with the results from AH-2 and AH-3 from the previous investigation, with chloride concentrations below reclamation limits in the upper intervals, but beginning to exceed the 600 mg/kg between 4 and 9 ft bgs and then continuing to slightly increase to 25 ft bgs, respectively. All other analytical results were below the reclamation limits for all constituents.

The analytical results associated with samples collected from the additional background boring location (BG-23-1) exceeded chloride concentrations of 600 mg/kg from 17 ft to 25 ft bgs and the concentrations also increase with depth. These results correlate with the previous background data (BG-1, Table 1) and confirm the existence of natural elevated background levels of chloride at the Site at depth. All analytical results for the additional horizontal delineation boring locations were below the chloride, TPH, benzene, and total BTEX reclamation requirements of 600 mg/kg, 100 mg/kg, 10 mg/kg, and 50 mg/kg, respectively.

OCTOBER 2023 REVISED REMEDIATION WORK PLAN AND NMOCD APPROVAL

The Revised Remediation Work Plan (October 2023 Revised Work Plan) was prepared by Tetra Tech on behalf of COPC and submitted to NMOCD on October 9, 2023. The October 2023 Revised Work Plan described the results of the additional assessment and provided characterization of the site. Additionally, the revised plan included a variance request to vertically delineate chloride to 1,200 mg/kg based on the results of previous background sampling events, and to install a 20-mil reinforced poly liner at the base of the excavation (at 4 feet below surrounding grade) to inhibit the downward migration of residual constituents.

The October 2023 Revised Work Plan was approved by Ashley Maxwell of the NMOCD via email on October 23, 2023, with the following comments:

- *"Work plan and variance request for background sample approved. Submit a report by 2/26/2023."*

Ashley Maxwell also executed page 5 of the C-141 form included with the Work Plan. Associated regulatory correspondence is included in Appendix B.

REGULATORY FRAMEWORK

Based on the NMOCD approval of the October 2023 Revised Work Plan and variance request, verified native background chloride concentrations, and previously established remedial action levels, the recommended remedial action levels (RRALs) for benzene, toluene, ethylbenzene, and xylene (collectively referred to as BTEX), total petroleum hydrocarbons (TPH), and chlorides in soil are as follows:

Constituent	Site RRALs
Chloride	10,000 mg/kg
TPH	2,500 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

REMEDIAL ACTIVITIES AND CONFIRMATION SAMPLING

From January 3 to January 9, 2024, Tetra Tech personnel were onsite to supervise the remedial activities proposed in the approved October 2023 Revised Work Plan, including excavation, disposal, confirmation sampling, and seeding. Prior to confirmation sampling, on January 2, 2024, the NMOCD district office was notified via the portal in accordance with Subsection D of 19.15.29.12 NMAC. Documentation of associated regulatory correspondence is included in Appendix B.

Impacted soils were excavated as indicated in Figure 6. The areas within the release footprint were excavated to 4 feet below surround grade and a 20-mil reinforced liner was installed at the base of the excavation. All excavated material was transported offsite for proper disposal. Approximately 546 cubic yards of material were transported to the R360 Red Bluff Facility in Orla, Texas. Copies of the waste manifests are included in Appendix D. Photographs from the excavated areas prior to backfill are provided in Appendix E.

Following excavation, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify efficacy of remediation activities. Per NMOCD stipulations, confirmation samples were collected such that each discrete sample (sidewall and floor) was representative of no more than 400 square feet of excavated area. A total of six (6) confirmation floor samples and four (4) confirmation sidewall samples were collected during remedial activities. Confirmation sidewall sample locations were labeled with the cardinal direction (N, E, S, W) followed by SW-#. Confirmation floor sample locations were labeled with "FS"-#. Excavated areas, 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 SM4500Cl-B. The analytical results were directly compared to the 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 January 2024 confirmation sampling events are summarized in Table 4. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix F.

RECLAMATION ACTIVITIES

In accordance with 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. Excavated areas, depths and confirmation sample locations are indicated in Figure 6. The results of the January 2024 confirmation sampling events are summarized in Table 4.

On January 9, 2024, Tetra Tech personnel were onsite to supervise the reclamation and restoration activities at the previously reclaimed pad site. 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. The backfilled and unvegetated areas were seeded then dozer track imprinted to aid in revegetation. Areas of the pad exhibiting recolonization and a self-sustaining plant community were left undisturbed, to aid in revegetation. Based on the soils of the site, the LPC Sand/Shinnery Sites seed mixture was used for seeding and was planted in the amount specified in the pounds pure live seed (PLS) per acre. Soil backfill composite sampling results are summarized in Table 5. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix F.

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, the BLM will be contacted to determine an effective method for eradication. If the Site does not show revegetation after one growing season, the area will be reseeded as appropriate.

CONCLUSION

ConocoPhillips Company respectfully requests closure of the release incident based on the confirmation sampling results and remediation and reclamation activities performed. The final C-141 forms are enclosed in Appendix A. If you have any questions concerning the remediation activities for the Site, please call me at (512) 560-9064 or Christian at (512) 338-2861.

Sincerely,
Tetra Tech, Inc.



Nicholas M. Poole
Project Lead



Christian M. Llull, P.G.
Program Manager

cc:
Mr. Ike Tavarez, RMR – ConocoPhillips

LIST OF ATTACHMENTS

Figures:

- Figure 1 – Overview Map
- Figure 2 – Site Location/Topographic Map
- Figure 3 – Approximate Release Extent and Site Assessment (2017)
- Figure 4 – Remediation Extent and Confirmation Sample Locations (2018)
- Figure 5 – Additional Site Assessment (2023)
- Figure 6 – Remediation and Confirmation Sample Locations
- Figure 7 – Reclamation/Restoration Area

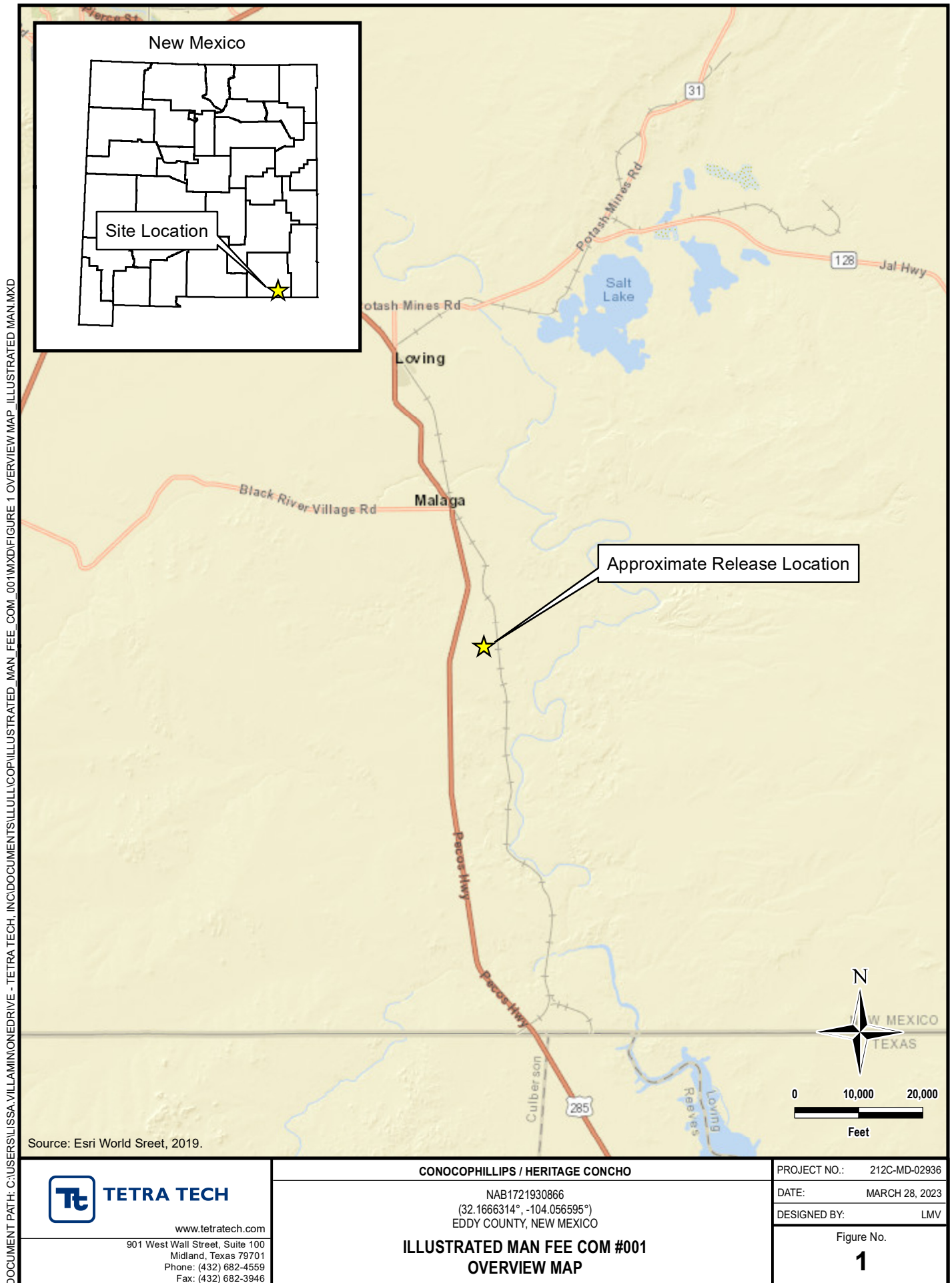
Tables:

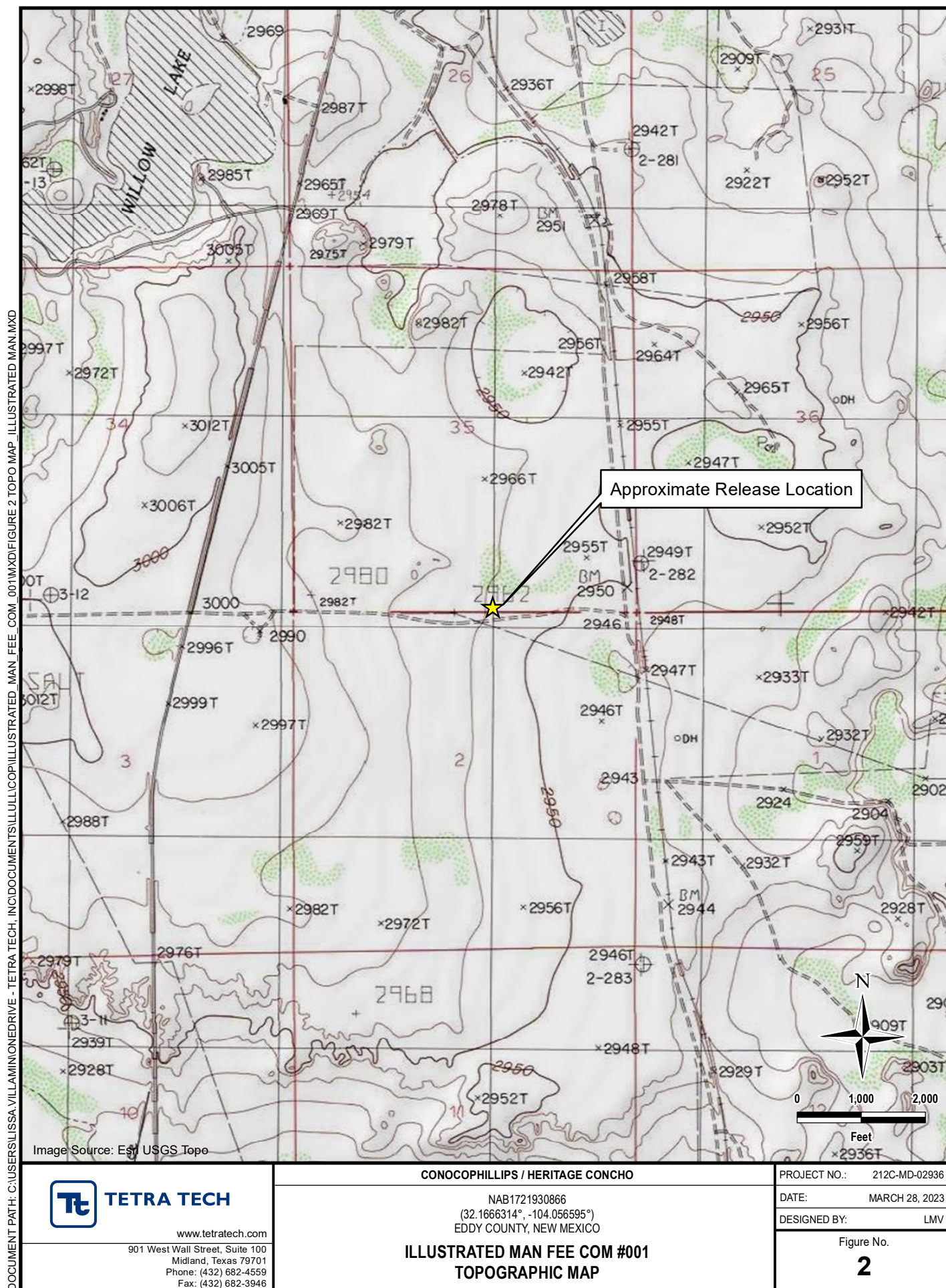
- Table 1 – Summary of Analytical Results – 2017 Soil Assessment
- Table 2 – Summary of Analytical Results – 2018 Soil Remediation
- Table 3 – Summary of Analytical Results – 2023 Additional Soil Assessment
- Table 4 – Summary of Analytical Results – 2024 Soil Remediation
- Table 5 – Summary of Analytical Results – 2024 Soil Backfill

Appendices:

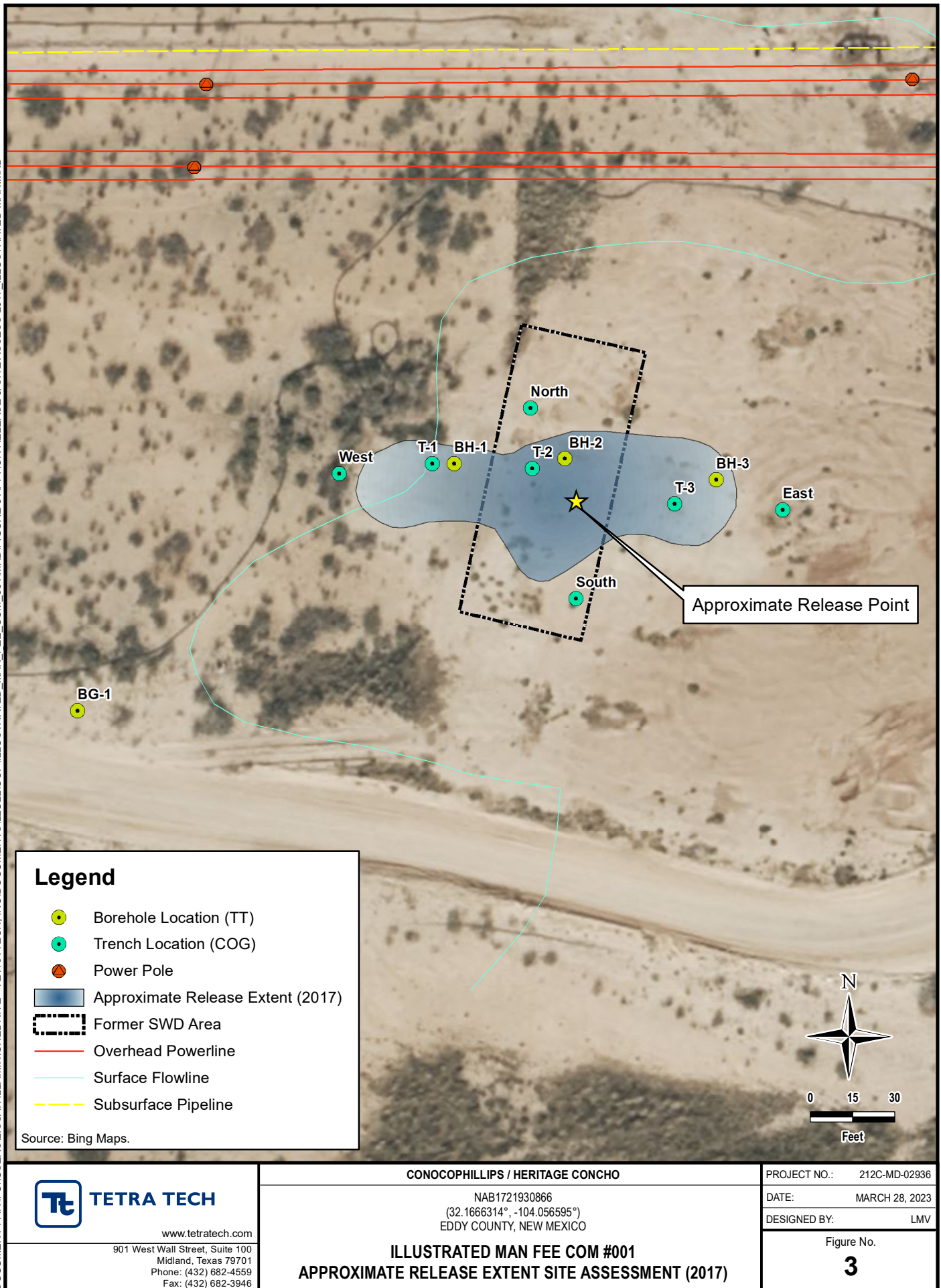
- Appendix A – C-141 Forms
- Appendix B – Regulatory Correspondence
- Appendix C – Site Characterization
- Appendix D – Waste Manifests
- Appendix E – Photographic Documentation
- Appendix F – Laboratory Analytical Data

FIGURES

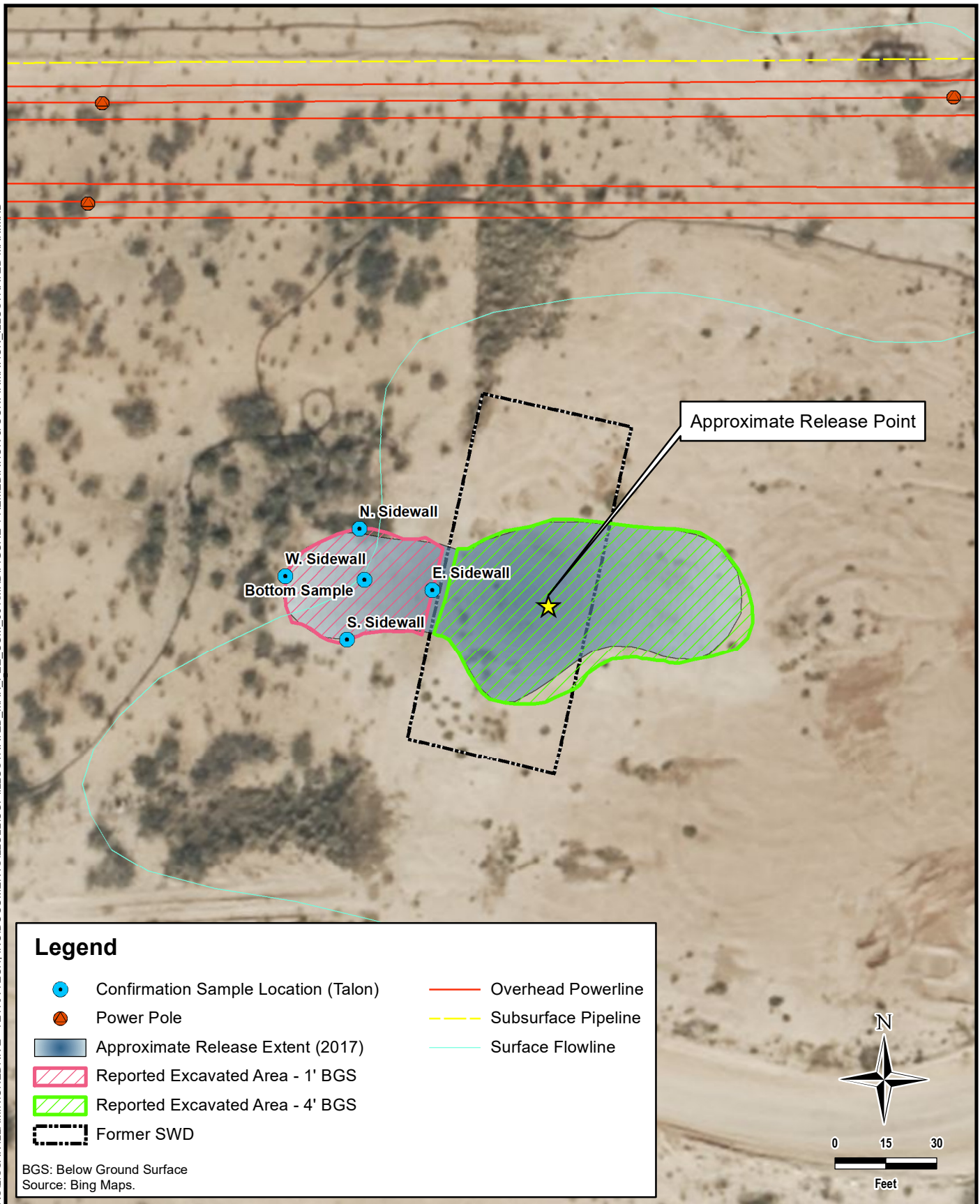




DOCUMENT PATH: C:\USERS\LISSA.VILLAMINON\DRIVE - TETRA TECH\INC\DOCUMENTS\ILLUSTRATED MAN FEE COM_001\MXD\FIGURE 3 APPROX RELEASE & SITE ASSESS 2017_ILLUSTRATED MAN.MXD



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**TETRA TECH**

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CONOCOPHILLIPS / HERITAGE CONCHO

NAB1721930866
(32.1666314°, -104.056595°)
EDDY COUNTY, NEW MEXICO

ILLUSTRATED MAN FEE COM #001
REMEDATION EXTENT AND CONFIRMATION SAMPLE LOCATIONS (2018)

PROJECT NO.: 212C-MD-02936

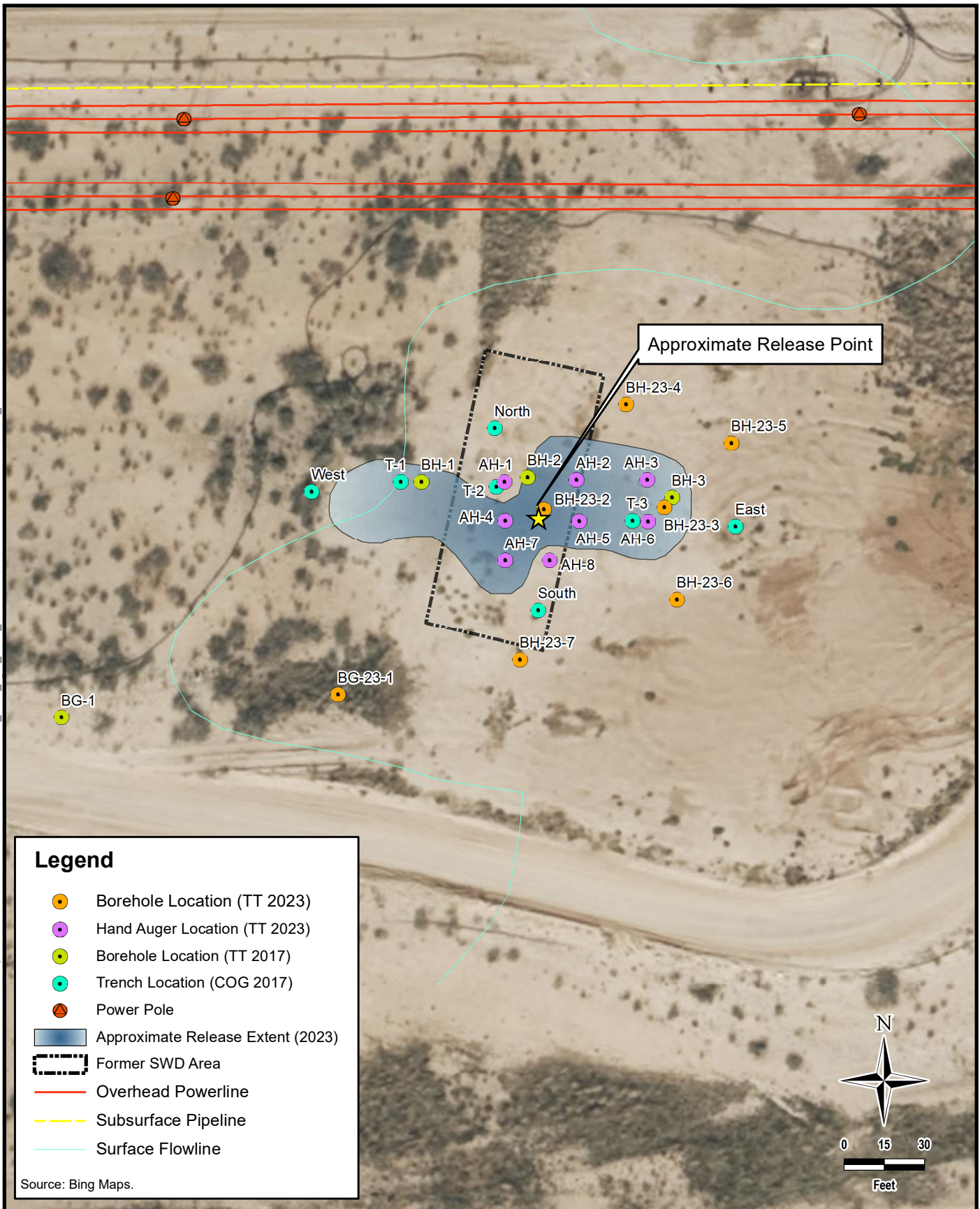
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DESIGNED BY: LMV

Figure No.

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CONOCOPHILLIPS / HERITAGE CONCHO

NAB1721930866
(32.1666314°, -104.056595°)
EDDY COUNTY, NEW MEXICO

**ILLUSTRATED MAN FEE COM #001
ADDITIONAL SITE ASSESSMENT (2023)**

PROJECT NO.: 212C-MD-02936

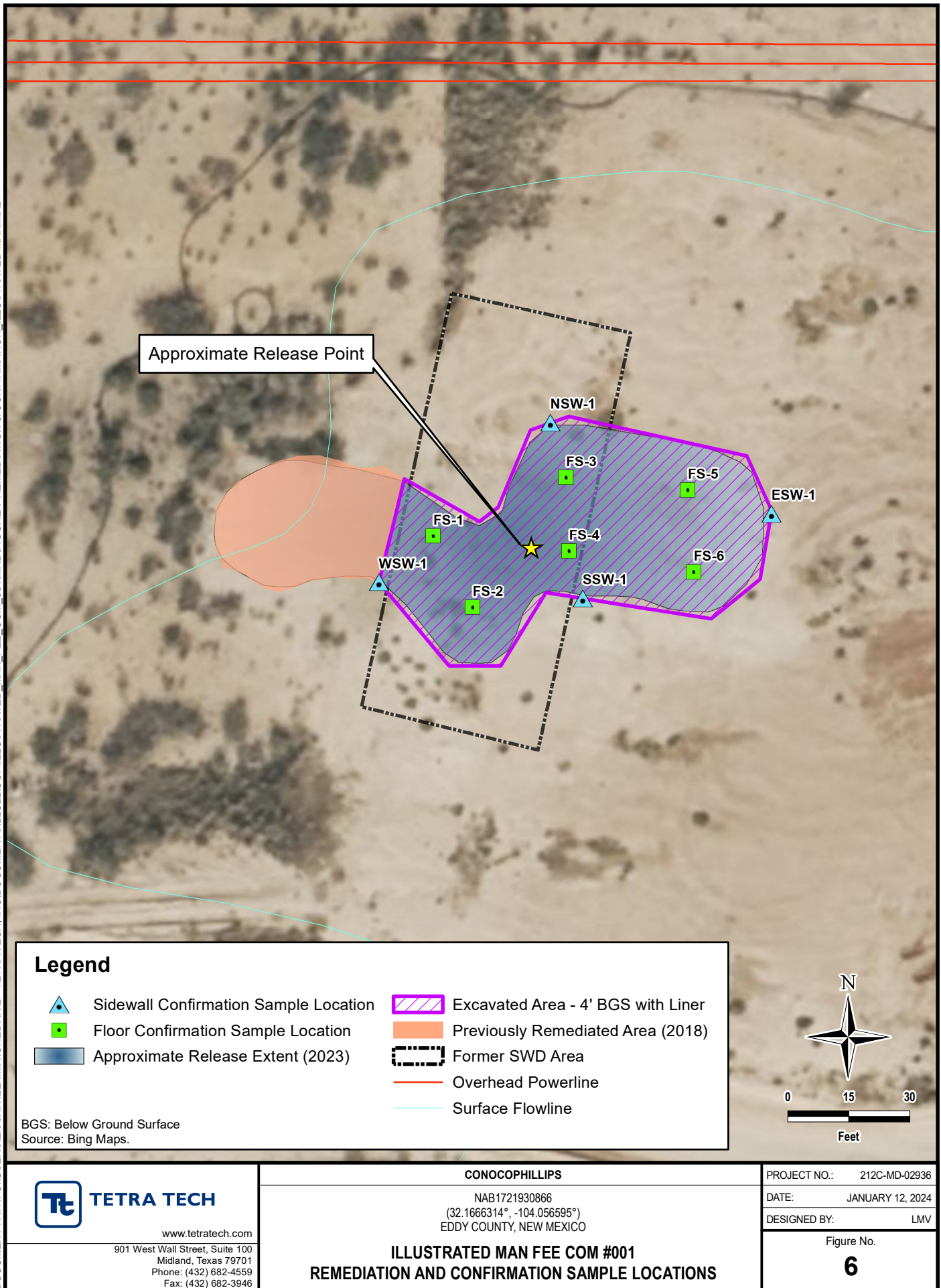
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DESIGNED BY: LMV

Figure No.

5

DOCUMENT PATH: C:\USERS\LISSA.VILLAMONEDRIVE - TETRA TECH\INC\DOCUMENTS\ILLUSTRATED MAN FEE COM_001\MXD\FIGURE 7 REMEDIATION & CONFIRMATION_ILLUSTRATED MAN.MXD



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CONOCOPHILLIPS

NAB1721930866
(32.1666314°, -104.056595°)
EDDY COUNTY, NEW MEXICO

**ILLUSTRATED MAN FEE COM #001
RECLAMATION / RESTORATION AREA**

PROJECT NO.: 212C-MD-02936

DATE: JANUARY 12, 2024

DESIGNED BY: LMV

Figure No.

7

TABLES

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
2017 SOIL ASSESSMENT - NAB1721930866
CONOCOPHILLIPS
ILLUSTRATED MAN FEE COM #001
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth ft. bgs	Chloride ¹		BTEX ²										TPH ³							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		ORO		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	Q	mg/kg	Q
T-1	8/22/2017	Surface	9,270		<0.00202	U	<0.00202	U	<0.00202	U	<0.00202	U	<0.00202	U	<15.0	U	<15.0	U	<15.0	U	<15.0	U
		1	9,540		<0.00201	U	<0.00201	U	<0.00201	U	0.00253		0.00253		<15.0	U	<15.0	U	<15.0	U	<15.0	U
		2	355		<0.00201	U	<0.00201	U	<0.00201	U	<0.00201	U	<0.00201	U	<15.0	U	<15.0	U	<15.0	U	<15.0	U
		3	177		<0.00200	U	<0.00200	U	<0.00200	U	<0.00200	U	<0.00200	U	<14.9	U	<14.9	U	<14.9	U	<14.9	U
		4	1,200		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		6	5,850		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		8	1,450		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		10	168		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		12	430		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		14	539		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		16	572		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		18	573		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		20	776		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		22	529		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		24	614		<0.00199	U	<0.00199	U	<0.00199	U	<0.00199	U	<0.00199	U	<14.9	U	191		23.7		215	
BH-1	11/21/2017	0-1	20.2		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		2-3	52.6		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		4-5	810		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		6-7	920		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		9-10	1,060		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		14-15	714		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		19-20	772		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		24-25	864		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		29-30	1,110		NS		NS		NS		NS		NS		NS		NS		NS		NS	
T-2	8/22/2017	34-35	1,040		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		39-40	1,280		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		Surface	3,170		<0.00200	U	<0.00200	U	<0.00200	U	<0.00200	U	<0.00200	U	<14.9	U	191		23.7		215	
		1	5,940		<0.00202	U	<0.00202	U	<0.00202	U	<0.00202	U	<0.00202	U	<15.0	U	<15.0	U	<15.0	U	<15.0	U
		2	3,590		<0.00199	U	<0.00199	U	<0.00199	U	<0.00199	U	<0.00199	U	<15.0	U	<15.0	U	<15.0	U	<15.0	U
		3	1,390		<0.00199	U	<0.00199	U	<0.00199	U	<0.00199	U	<0.00199	U	<15.0	U	<15.0	U	<15.0	U	<15.0	U
		4	1,720		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		6	342		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		8	203		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		10	1,050		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		12	1,160		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		14	840		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		16	905		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		18	1,010		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		20	1,500		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		22	823		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		24	972		<0.00198	U	<0.00198	U	<0.00198	U	<0.00198	U	<0.00198		<15.0	U	<15.0	U	<15.0	U	<15.0	U

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
2017 SOIL ASSESSMENT - NAB1721930866
CONOCOPHILLIPS
ILLUSTRATED MAN FEE COM #001
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth ft. bgs	Chloride ¹		BTEX ²										TPH ³							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		ORO		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	Q	mg/kg	Q
BH-2	11/21/2017	0-1	4,700		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		2-3	2,780		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		4-5	453		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		9-10	531		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		14-15	590		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		19-20	797		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		24-25	993		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		29-30	1,010		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		34-35	1,060		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		39-40	1,010		NS		NS		NS		NS		NS		NS		NS		NS		NS	
T-3	8/22/2017	Surface	2,740		<0.00201	U	<0.00201	U	<0.00201	U	<0.00201	U	<0.00201	U	<14.9	U	75		<14.9	U	75	
		1	2,050		<0.00199	U	<0.00199	U	<0.00199	U	<0.00199	U	<0.00199	U	<15.0	U	<15.0	U	<15.0	U	<15.0	U
		2	625		<0.00198	U	<0.00198	U	<0.00198	U	<0.00198	U	<0.00198	U	<15.0	U	<15.0	U	<15.0	U	<15.0	U
		3	139		<0.00201	U	<0.00201	U	<0.00201	U	<0.00201	U	<0.00201	U	<15.0	U	<15.0	U	<15.0	U	<15.0	U
		4	531		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		5	246		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		6	450		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		8	713		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		10	722		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		12	472		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		16	960		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		18	1,100		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		20	1,000		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		22	753		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		24	746		<0.00202	U	<0.00202	U	<0.00202	U	<0.00202	U	<0.00202		<15.0	U	<15.0	U	<15.0	U	<15.0	U
BH-3	11/21/2017	0-1	3,300		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		2-3	3,120		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		4-5	106		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		6-7	446		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		9-10	475		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		14-15	919		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		19-20	999		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		24-25	1,160		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		29-30	1,220		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		34-35	1,210		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		39-40	1,070		NS		NS		NS		NS		NS		NS		NS		NS		NS	

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
2017 SOIL ASSESSMENT - NAB1721930866
CONOCOPHILLIPS
ILLUSTRATED MAN FEE COM #001
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth ft. bgs	Chloride ¹		BTEX ²										TPH ³							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		ORO		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	Q	mg/kg	Q
BG-1	11/21/2017	0-1	16.1		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		5	105		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		10	8056		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		15	98.4		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		20	328		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		25	623		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		30	759		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		35	967		NS		NS		NS		NS		NS		NS		NS		NS		NS	
		40	1,120		NS		NS		NS		NS		NS		NS		NS		NS		NS	
NORTH	8/22/2017	Surface	77.8		<0.00201	U	<0.00201	U	<0.00201	U	<0.00201	U	<0.00201	U	<15.0	U	<15.0	U	<15.0	U	<15.0	U
		1	<4.99	U	<0.00202	U	<0.00202	U	<0.00202	U	<0.00202	U	<0.00202	U	<15.0	U	<15.0	U	<15.0	U	<15.0	U
South	8/22/2017	Surface	1420.0		<0.00200	U	<0.00200	U	<0.00200	U	<0.00200	U	<0.00200	U	15	U	22.3	U	<15.0	U	22.3	U
		1	634.0		<0.00200	U	<0.00200	U	<0.00200	U	<0.00200	U	<0.00200	U	<15.0	U	<15.0	U	<15.0	U	<15.0	U
East	8/22/2017	Surface	4720.0		<0.00200	U	<0.00200	U	<0.00200	U	<0.00200	U	<0.00200	U	<15.0	U	<15.0	U	<15.0	U	<15.0	U
		1	1750.0		<0.00201	U	<0.00201	U	<0.00201	U	<0.00201	U	<0.00201	U	<15.0	U	<15.0	U	<15.0	U	<15.0	U
West	8/22/2017	Surface	<4.95	U	<0.00202	U	<0.00202	U	<0.00202	U	<0.00202	U	<0.00202	U	<15.0	U	<15.0	U	<15.0	U	<15.0	U
		1	<4.97	U	<0.00200	U	<0.00200	U	<0.00200	U	<0.00200	U	<0.00200	U	<15.0	U	<15.0	U	<15.0	U	<15.0	U

NOTES:

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

ORO Oil range organics

NS Sample not analyzed for parameter

1 EPA Method 300.0

2 EPA Method 8021B

3 Method SW8015 Mod

QUALIFIERS:

U Analyte was not detected

TABLE 2
SUMMARY OF ANALYTICAL RESULTS
2018 SOIL REMEDIATION - NAB1721930866
CONOCOPHILLIPS
ILLUSTRATED MAN FEE COM #001
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride ¹	
		ft. bgs	mg/kg	Q
S. Sidewall	11/19/2018	0.5	32	
E. Sidewall	11/19/2018	0.5	80	
W. Sidewall	11/19/2018	0.5	48	
N. Sidewall	11/19/2018	0.5	208	
Bottom	11/19/2018	1	192	

NOTES:

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

1 Method SM4500Cl-B

TABLE 3
SUMMARY OF ANALYTICAL RESULTS
2023 SOIL ASSESSMENT - NAB1721930866
CONOCOPHILLIPS
ILLUSTRATED MAN FEE COM #001
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride ¹		BTEX ²										TPH ³							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH	
															C ₆ - C ₁₀		> C ₁₀ - C ₂₈		> C ₂₈ - C ₃₆		(GRO+DRO+EXT DRO)	
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	
AH-1	3/14/2023	0-1	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
		2-3	48		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
		3-4	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
AH-2	3/14/2023	0-1	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
		2-3	720		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
		3-4	1,580		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
AH-3	3/14/2023	0-1	528		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
		2-3	672		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
		3-4	752		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
AH-4	3/14/2023	0-1	1,410		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
		2-3	1,140		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
		3-4	1,040		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
AH-5	3/14/2023	0-1	512		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
		2-3	1,150		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
		3-4	2,160		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
AH-6	3/14/2023	0-1	2,640		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
		2-3	1,820		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
		3-4	2,640		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
AH-7	3/14/2023	0-1	736		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
		2-3	752		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
		3-4	752		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
AH-8	3/14/2023	0-1	368		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
		2-3	96		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	
		3-4	64		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		0	

TABLE 3
SUMMARY OF ANALYTICAL RESULTS
2023 SOIL ASSESSMENT - NAB1721930866
CONOCOPHILLIPS
ILLUSTRATED MAN FEE COM #001
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride ¹		BTEX ²										TPH ³							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH	
															C ₆ - C ₁₀		> C ₁₀ - C ₂₈		> C ₂₈ - C ₃₆		(GRO+DRO+EXT DRO)	
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q				
BG-23-1	9/11/2023	0-1'	48.0		NA		NA		NA		NA		NA		NA		NA		NA			
		1-2'	48.0		NA		NA		NA		NA		NA		NA		NA		NA			
		2-3'	32.0		NA		NA		NA		NA		NA		NA		NA		NA			
		3-4'	112		NA		NA		NA		NA		NA		NA		NA		NA			
		4-5'	208		NA		NA		NA		NA		NA		NA		NA		NA			
		5-6'	256		NA		NA		NA		NA		NA		NA		NA		NA			
		6-7'	272		NA		NA		NA		NA		NA		NA		NA		NA			
		7-8'	240		NA		NA		NA		NA		NA		NA		NA		NA			
		8-9'	176		NA		NA		NA		NA		NA		NA		NA		NA			
		9-10'	192		NA		NA		NA		NA		NA		NA		NA		NA			
		10-11'	176		NA		NA		NA		NA		NA		NA		NA		NA			
		11-12'	288		NA		NA		NA		NA		NA		NA		NA		NA			
		12-13'	320		NA		NA		NA		NA		NA		NA		NA		NA			
		13-14'	480		NA		NA		NA		NA		NA		NA		NA		NA			
		14-15'	576		NA		NA		NA		NA		NA		NA		NA		NA			
		15-16'	480		NA		NA		NA		NA		NA		NA		NA		NA			
		16-17'	592		NA		NA		NA		NA		NA		NA		NA		NA			
		17-18'	672		NA		NA		NA		NA		NA		NA		NA		NA			
		18-19'	736		NA		NA		NA		NA		NA		NA		NA		NA			
		19-20'	960		NA		NA		NA		NA		NA		NA		NA		NA			
		20-21'	928		NA		NA		NA		NA		NA		NA		NA		NA			
		21-22'	912		NA		NA		NA		NA		NA		NA		NA		NA			
		22-23'	1,010		NA		NA		NA		NA		NA		NA		NA		NA			
		23-24'	864		NA		NA		NA		NA		NA		NA		NA		NA			
24-25'	816		NA		NA		NA		NA		NA		NA		NA		NA					
BH-23-2	9/11/2023	0-1'	48.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		2-3'	592		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		4-5'	720		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		6-7'	736		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		9-10'	912		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		14-15'	1,090		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		19-20'	1,120		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
24-25'	1,060		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		23.7		25.0		48.7			
BH-23-3	9/11/2023	0-1'	432		<0.050		<0.050	QR-3	<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		2-3'	288		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		4-5'	320		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		6-7'	576		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		9-10'	800		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		14-15'	816		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		19-20'	960		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
		24-25'	1,010		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	

TABLE 3
SUMMARY OF ANALYTICAL RESULTS
2023 SOIL ASSESSMENT - NAB1721930866
CONOCOPHILLIPS
ILLUSTRATED MAN FEE COM #001
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride ¹		BTEX ²										TPH ³							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH	
															C ₆ - C ₁₀		> C ₁₀ - C ₂₈		> C ₂₈ - C ₃₆		(GRO+DRO+EXT DRO)	
		ft. bgs	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg			
BH-23-4	9/11/2023	0-1'	208		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
BH-23-5	9/11/2023	0-1'	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
BH-23-6	9/11/2023	0-1'	256		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		-	
BH-23-7	9/11/2023	0-1'	96.0		<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 SM4500Cl-B

2 Method 8021B

3 Method 8015M

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

Shaded rows indicate intervals proposed for excavation.

TABLE 4
SUMMARY OF ANALYTICAL RESULTS
2024 SOIL REMEDIATION - NAB1721930866
CONOCOPHILLIPS
ILLUSTRATED MAN FEE COM #001
EDDY COUNTY, NM

Sample ID	Sample Date	Sample Depth	Chloride ¹		BTX ²										TPH ³							
					Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		(GRO+DRO)	Total TPH
					mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		C ₆ - C ₁₀		> C ₁₀ - C ₂₈		> C ₂₈ - C ₃₆		mg/kg	(GRO+DRO+EXT DRO)
			ft. bgs	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	mg/kg
		Closure Criteria for Pasture / Off-Pad Soils 0-4' bgs:	600 mg/kg		< 10 mg/kg		--		--		--		< 50 mg/kg		--		--		--		--	100 mg/kg
		Closure Criteria for Soils >4' bgs (GW 50-100 ft):	10,000 mg/kg		< 10 mg/kg		--		--		--		< 50 mg/kg		--		--		--		1000 mg/kg	2500 mg/kg
FS-1	1/4/2024	4	208		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0	-
FS-2	1/4/2024	4	432		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0	-
FS-3	1/4/2024	4	336		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0	-
FS-4	1/4/2024	4	1840		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0	-
FS-5	1/4/2024	4	976		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0	-
FS-6	1/4/2024	4	784	S-04	<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0	-
NSW - 1	1/4/2024	-	32.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0	-
ESW - 1	1/4/2024	-	144.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0	-
SSW - 1	1/4/2024	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0	-
WSW - 1	1/4/2024	-	16.0		<0.050		<0.050		<0.050		<0.150		<0.300		<10.0		<10.0		<10.0		<10.0	-

NOTES:

ft. Feet

bgs Below ground surface

mg/kg Milligrams per kilogram

TPH Total Petroleum Hydrocarbons

GRO Gasoline range organics

DRO Diesel range organics

1 Method SM4500Cl-B

2 Method 8021B

3 Method 8015M

QUALIFIERS:

S-04

The surrogate recovery for this sample is outside the established control limits due to sample matrix effect.

EDDY COUNTY, NM

Sample ID	Sample Date	Chloride ¹		BTEX ²										TPH ³							
				Benzene		Toluene		Ethylbenzene		Total Xylenes		Total BTEX		GRO		DRO		EXT DRO		Total TPH (GRO+DRO+EXT DRO)	
														C ₆ - C ₁₀		> C ₁₀ - C ₂₈		> C ₂₈ - C ₃₆			
		mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	Q	mg/kg	
BACKFILL - COMPOSITE	2/15/2024	224		<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 SM450CI-B

2 Method 8021B

3 Method 8015M

APPENDIX A C-141 Forms

NM OIL CONSERVATION

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

ARTESIA DISTRICT

JUL 28 2017

RECEIVED

State of New Mexico

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

NM OIL CONSERVATION

ARTESIA DISTRICT

JUL 28 2017

RECEIVED

Form C-141

Revised August 8, 2011

Submit Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

NAB1721430866

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: COG Operating LLC	OGRID # 229137	Contact: Robert McNeill
Address: 600 West Illinois Avenue, Midland TX 79701	Telephone No. 432-683-7443	
Facility Name: Illustrated Man Fee Com #001H	Facility Type: Flowline	

Surface Owner: Federal	Mineral Owner: Private	API No. 30-015-41025
------------------------	------------------------	----------------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	12	25S	28E	170	North	900	West	Eddy

Latitude 32.166314 Longitude -104.056595

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 25 bbls.	Volume Recovered: 20 bbls.
Source of Release: Flowline	Date and Hour of Occurrence: July 26, 2017 9:40 am	Date and Hour of Discovery: July 26, 2017 9:40 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Ms. Weaver - NMOCD / Ms. Tucker - BLM	
By Whom? Dakota Neel	Date and Hour: July 26, 2017 2:35 pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

The release was caused by a valve failure on a flowline. The flowline was repaired.

Describe Area Affected and Cleanup Action Taken.*

The release occurred on the location of a nearby abandoned SWD. A vacuum truck was dispatched to remove all freestanding fluids. Concho will have the spill area sampled to delineate any possible impact from the release and we will present a remediation work plan to the NMOCD for approval prior to any significant remediation activities.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: <i>Rebecca Haskell</i>	OIL CONSERVATION DIVISION	
Printed Name: Rebecca Haskell	Approved by Environmental Specialist: <i>Cynthia W...</i>	
Title: Senior HSE Coordinator	Approval Date: 8/7/17	Expiration Date: N/A
E-mail Address: rhaskell@concho.com	Conditions of Approval: <i>see attached</i>	Attached <input checked="" type="checkbox"/>
Date: July 28, 2017 Phone: 432-683-7443		

* Attach Additional Sheets If Necessary

2RP-4320

Operator/Responsible Party,

The OCD has received the form C-141 you provided on **7/28/17** regarding an unauthorized release. The information contained on that form has been entered into our incident database and remediation case number ARP-4320 has been assigned. **Please refer to this case number in all future correspondence.**

It is the Division's obligation under both the Oil & Gas Act and Water Quality Act to provide for the protection of public health and the environment. Our regulations (19.15.29.11 NMAC) state the following,

The responsible person shall complete division-approved corrective action for releases that endanger public health or the environment. The responsible person shall address releases in accordance with a remediation plan submitted to and approved by the division or with an abatement plan submitted in accordance with 19.15.30 NMAC. [emphasis added]

Release characterization is the first phase of corrective action unless the release is ongoing or is of limited volume and all impacts can be immediately addressed. Proper and cost-effective remediation typically cannot occur without adequate characterization of the impacts of any release. Furthermore, the Division has the ability to impose reasonable conditions upon the efforts it oversees. **As such, the Division is requiring a workplan for the characterization of impacts associated with this release be submitted to the OCD District II office in Artesia on or before 8/28/17. If and when the release characterization workplan is approved, there will be an associated deadline for submittal of the resultant investigation report. Modest extensions of time to these deadlines may be granted, but only with acceptable justification.**

The goals of a characterization effort are: 1) determination of the lateral and vertical extents along with the magnitude of soil contamination. 2) determine if groundwater or surface waters have been impacted. 3) If groundwater or surface waters have been impacted, what are the extents and magnitude of that impact. 4) The characterization of any other adverse impacts that may have occurred (examples: impacts on vegetation, impacts on wildlife, air quality, loss of use of property, etc.). To meet these goals as quickly as possible, the following items must, at a minimum, be addressed in the release characterization workplan and subsequent reporting:

- Horizontal delineation of soil impacts in each of the four cardinal compass directions. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. This is not an exclusive list of potential contaminants. Analyzed parameters should be modified based on the nature of the released substance(s). Soil sampling must be both within the impacted area and beyond.
- Vertical delineation of soil impacts. Adsorbed soil contamination must be characterized for the following constituents using the associated laboratory methods: benzene, toluene, ethylbenzene, and total xylenes by either Method 8260 or 8021, total petroleum hydrocarbons by Method 8015 extended range (GRO+DRO+MRO; C₆ thru C₃₆), and for chloride by Method 300. As above, this is not an exclusive list of potential contaminants and can be modified. Vertical characterization samples should be taken at depth intervals no greater than five feet apart. Lithologic description of encountered soils must also be provided. At least ten vertical feet of soils with contaminant concentrations at or below these values must be demonstrated as existing above the water table.
- Nominal detection limits for field and laboratory analyses must be provided.
- Composite sampling is not generally allowed.
- Field screening and assessment techniques are acceptable (headspace, titration, EC [include algorithm for validation purposes], EM, etc.), but the sampling and assay procedures must be clearly defined. Copies of field notes are highly desirable. A statistically significant set of split samples must be submitted for confirmatory laboratory analysis, including the laterally farthest and vertically deepest sets of soil samples. Make sure there are at least two soil samples submitted

for laboratory analysis from each borehole or test pit (highest observed contamination and deepest depth investigated). Copies of the actual laboratory results must be provided including chain of custody documentation.

- Probable depth to shallowest protectable groundwater and lateral distance to nearest surface water. If there is an estimate of groundwater depth, the information used to arrive at that estimate must be provided. If there is a reasonable assumption that the depth to protectable water is 50 feet or less, the responsible party should anticipate the need for at least one groundwater monitoring well to be installed in the area of likely maximum contamination.

- If groundwater contamination is encountered, an additional investigation workplan may be required to determine the extents of that contamination. Groundwater and/or surface water samples, if any, must be analyzed by a competent laboratory for volatile organic hydrocarbons (typically Method 8260 full list), total dissolved solids, pH, major anions and cations including chloride and sulfate, dissolved iron, and dissolved manganese. The investigation workplan must provide the groundwater sampling method(s) and sample handling protocols. To the fullest extent possible, aqueous analyses must be undertaken using nominal method detection limits. As with the soil analyses, copies of the actual laboratory results must be provided including chain of custody documentation.

- Accurately scaled and well-drafted site maps must be provided providing the location of borings, test pits, monitoring wells, potentially impacted areas, and significant surface features including roads and site infrastructure that might limit either the release characterization or remedial efforts. Field sketches may be included in subsequent reporting, but should not be considered stand-alone documentation of the site's layout. Digital photographic documentation of the location and fieldwork is recommended, especially if unusual circumstances are encountered.

Nothing herein should be interpreted to preclude emergency response actions or to imply immediate remediation by removal cannot proceed as warranted. Nonetheless, characterization of impacts and confirmation of the effectiveness of remedial efforts must still be provided to the OCD before any release incident will be closed.

Jim Griswold

OCD Environmental Bureau Chief

1220 South St. Francis Drive

Santa Fe, New Mexico 87505

505-476-3465

jim.griswold@state.nm.us

Weaver, Crystal, EMNRD

From: Rebecca Haskell <RHaskell@concho.com>
Sent: Friday, July 28, 2017 1:12 PM
To: Weaver, Crystal, EMNRD; stucker@blm.gov
Cc: Bratcher, Mike, EMNRD; Jim Amos (jamos@blm.gov)
Subject: (C-141 Initial) ILLUSTRATED MAN FEE COM #001H 7-26-2017 (30-015-41025)
Attachments: Illustrated Man Fee Com #001H Initial C-141 7-26-17 (30-015-41025).pdf

Ms. Weaver / Ms. Tucker,

Please see the attached Initial C-141 for your consideration. If you have any questions or concerns please contact me.

Thank You,

Becky Haskell
Senior HSE Coordinator
COG Operating LLC
600 W Illinois Avenue | Midland, TX 79701
Direct: 432-818-2372 | Main: 432.683.7443
Cell: 432-556-5130
rhaskell@concho.com



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From: Dakota Neel
Sent: Wednesday, July 26, 2017 3:35 PM
To: Weaver, Crystal, EMNRD (Crystal.Weaver@state.nm.us); stucker@blm.gov
Cc: Jim Amos (jamos@blm.gov); Mike.Bratcher@state.nm.us; Rebecca Haskell; Aaron Lieb
Subject: (Notification) ILLUSTRATED MAN FEE COM #001H 7-26-2017 (30-015-41025)

Ms. Weaver / Ms. Tucker,

COG Production LLC [229137] is reporting a Release from the ILLUSTRATED MAN FEE COM #001H (30-015-41025)
Unit D Section 12 Township 25S Range 28E 170 FNL 900 FWL
The release occurred on 7/26/2017 at approximately 9:40 AM
Estimated Released: Approx: 25 barrels of produced water.
Estimated Recovered: Approx: unknown barrels of produced water.

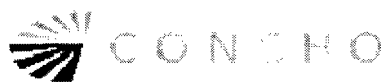
The release was caused by a valve failure on a flow line. The release occurred on the location of a nearby abandoned SWD (32.1662521,-104.056282). This area is being

evaluated and a C-141 will be submitted. If you have any additional questions please don't hesitate to contact me.

Thank You,

Dakota Neel
HSE Coordinator
COG Operating LLC
Cell: 432-215-2783
dneel2@concho.com

2407 Pecos Ave.
Artesia , NM 88210



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Bratcher, Mike, EMNRD

From: Dakota Neel <DNeel2@concho.com>
Sent: Wednesday, July 26, 2017 2:35 PM
To: Weaver, Crystal, EMNRD; stucker@blm.gov
Cc: Jim Amos (jamos@blm.gov); Bratcher, Mike, EMNRD; Rebecca Haskell; Aaron Lieb
Subject: (Notification) ILLUSTRATED MAN FEE COM #001H 7-26-2017 (30-015-41025)

Ms. Weaver / Ms. Tucker,

COG Production LLC [229137] is reporting a Release from the ILLUSTRATED MAN FEE COM #001H (30-015-41025)

Unit D Section 12 Township 25S Range 28E 170 FNL 900 FWL

The release occurred on 7/26/2017 at approximately 9:40 AM

Estimated Released: Approx: 25 barrels of produced water.

Estimated Recovered: Approx: unknown barrels of produced water.

The release was caused by a valve failure on a flow line. The release occurred on the location of a nearby abandoned SWD (32.1662521,-104.056282). This area is being evaluated and a C-141 will be submitted. If you have any additional questions please don't hesitate to contact me.

Thank You,

Dakota Neel
HSE Coordinator
COG Operating LLC
Cell: 432-215-2783
dneel2@concho.com

2407 Pecos Ave.
Artesia , NM 88210



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of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Further, any contract terms proposed or purportedly accepted in this email are not binding and are subject to management's final approval as memorialized in a separate written instrument, excluding electronic correspondence, executed by an authorized representative of COG Operating LLC or its affiliates.

Incident ID	
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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input 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 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 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 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 type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input 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 type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input 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.

<p>Characterization Report Checklist: <i>Each of the following items must be included in the report.</i></p> <div><input type="checkbox"/> Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.<input type="checkbox"/> Field data<input type="checkbox"/> Data table of soil contaminant concentration data<input type="checkbox"/> Depth to water determination<input type="checkbox"/> Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release<input type="checkbox"/> Boring or excavation logs<input type="checkbox"/> Photographs including date and GIS information<input type="checkbox"/> Topographic/Aerial maps<input type="checkbox"/> Laboratory data including chain of custody</div>

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	
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: _____ Title: _____

Signature: Ake Tavaraz Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 10/10/2023

Incident ID	
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: _____ Title: _____

Signature: Ake Tavaraz Date: _____

email: _____ Telephone: _____

OCD OnlyReceived by: Shelly Wells Date: 10/10/2023☒ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral ApprovedSignature: Ashley Maxwell Date: 10/23/2023

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: _____ Title: _____

Signature:  _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

APPENDIX B

Regulatory Correspondence

Poole, Nicholas

From: Llull, Christian
Sent: Wednesday, January 10, 2024 5:02 PM
To: Poole, Nicholas
Subject: Fwd: [EXTERNAL] Fwd: Illustrated Man Fee Com 1H Release (NAB1721930866) - REVISED Remediation Work Plan

FYI

Christian

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From: Taylor, Shelly J <sjtaylor@blm.gov>
Sent: Wednesday, January 10, 2024 4:59:42 PM
To: Llull, Christian <Christian.Llull@tetrattech.com>
Subject: Re: [EXTERNAL] Fwd: Illustrated Man Fee Com 1H Release (NAB1721930866) - REVISED Remediation Work Plan

⚠ CAUTION: This email originated from an external sender. Verify the source before opening links or attachments. **⚠**

You are approved to proceed with remedial activities.

Respectfully,

Shelly J Taylor

Assistant Field Manager
Lands & Minerals - Acting

Bureau of Land Management
Pecos District/Roswell Field Office
2909 W 2nd St
Roswell, NM 88201

Direct 575.627.0250
Mobile 575.200.0614
sjtaylor@blm.gov



From: Llull, Christian <Christian.Llull@tetrattech.com>
Sent: Monday, January 8, 2024 8:30 AM
To: Taylor, Shelly J <sjtaylor@blm.gov>
Subject: [EXTERNAL] Fwd: Illustrated Man Fee Com 1H Release (NAB1721930866) - REVISED Remediation Work Plan

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Shelly, bumping this for approval asap.

Christian

Get [Outlook](#) for iOS

From: Llull, Christian

Sent: Tuesday, November 7, 2023 4:20:10 PM

To: Taylor, Shelly J <sjtaylor@blm.gov>

Cc: Poole, Nicholas <NICHOLAS.POOLE@tetratech.com>

Subject: Illustrated Man Fee Com 1H Release (NAB1721930866) - REVISED Remediation Work Plan

Shelly:

Attached for BLM review is a Revised Release Characterization and Remediation Workplan for the Illustrated Man Fee Com 1H Release (NAB1721930866).

This WP has been approved by NMOCD.

Illustrated Man Fee Com 1H Release
ConocoPhillips
Heritage Concho
Unit Letter B, Section 2, Township 25 South, Range 28 East
Eddy County, NM
Approximate Release Location: 32.166314°, -104.056595°
2RP- 4320
Incident ID NAB1721930866

Background

- 25 barrels (bbls) of produce water released, of which 20 bbls recovered.
 - Release caused by a valve failure of a flow line.
 - Release occurred on pad area in the vicinity of a former SWD location and migrated into the adjacent pasture, impacting an area approximately 60' x 155'.
 - High karst area.
- Tetra Tech prepared a Work Plan, dated April 18, 2018, which was approved by the NMOCD on 5/23/2018 (with comments).
 - The Delineation Workplan previously completed by Tetra Tech was included as a portion of the ACO.
- In November 2018, Talon LPE completed remediation at the Illustrated Man Fee Com 1H release.
 - Impacted soil in the vicinity of T-1 was excavated to a depth of 1'.
 - Impacted soil in the vicinity of T-2 was excavated to a depth of 4'.
 - Confirmation samples were collected verifying remediation in the vicinity of T-1, however no known samples were collected in the 4' excavated area.
 - Talon submitted a Remediation and Closure report dated January 18, 2019 and was subsequently rejected by OCD for the following reasons;
 - ***Work detailed in the provided closure report did not follow the approved work plan. The area excavated (Figure 3) did not match the proposed excavated area (Figure 4).***
 - ***Work will need to be done in accordance with 19.15.29 NMAC.***
 - ***Please submit a work plan or closure report to the OCD by March 1, 2023.***

Additional Site Assessment

COP requested that TT re-evaluate the incident Site.

- TT personnel returned to the Site on March 13, 2023 to confirm the reported remediation by Talon LP, in the vicinity of T-2 and T-3.
- Hand auger assessment was met with shallow refusal, resulting in the need for trenching at the Site (sample location nomenclature remained AH-# to avoid any confusion).
- TT returned to the Site on March 14, 2023 with a backhoe to complete the proposed sampling.
 - Eight (8) trenches were excavated to 4' BGS.
 - Thirty-two (32) samples were collected and submitted to Cardinal Labs for analytical laboratory testing.
 - Analytical results associated with AH-2, 3, 4, 5, 6, and AH-7 locations exceeded the RRLs of 600 mg/kg chloride down to 4'.
 - There were no exceedances of TPH, benzene, and Total BTEX RRLs.
- Based on the previously approved Work Plan and additional analytical results from the 2023 site assessment, impacted material within the release extent located on pad was proposed in a WP to be removed to a depth of 4'.
 - The total proposed volume to be removed and dispose was 544 cubic yards.
 - 6 confirmation floor samples and 4 confirmation sidewall samples are proposed for verification of remedial activities.
 - The proposed excavation encompassed a surface area of approximately 3,675 square feet.
 - The WP was submitted to OCD on May 8, 2023.

NMOCD Rejection

- The OCD rejected the proposed Work Plan and provided the following comments:
 - *In the rejection dated November 29, 2022, it states that work will need to be done in accordance with 19.15.29 NMAC.*
 - *The release is located in an area of high karst and therefore subject to the most stringent standards in Table 1 19.15.29.12 NMAC.*
 - *Additional delineation, vertical and horizontal, is required to determine the full extent of the chloride impact of the release.*
 - *Submit a work plan via the OCD permitting portal by August 18, 2023.*

Additional Site Assessment

- On September 8, 2023, TT requested a 60-day extension to complete the additional assessment and associated reporting for the Site.
 - The request was approved by the OCD on September 11, 2023.
- On September 11, 2023, TT requested a variance to vertically delineated chloride to 1,200 mg/kg based on previous background sampling conducted and the presence of native soils containing naturally occurring salts.
- COP requested that TT conduct additional assessment to comply with the NMOCD rejection.
 - TT personnel returned to the Site on September 11, 2023 to conduct additional soil sampling to full delineate the chloride impact of the release.
 - Two (2) borings (BH-23-2 and BH-23-3) were installed within the release footprint.
 - Four (4) borings (BH-23-4 through BH-23-7) were installed outside the release footprint.
 - An additional background boring was completed was installed in the adjacent pasture to a total depth of 25' bgs in order to evaluate native soils.
 - All analytical results for the additional delineation boring locations were below the chloride, TPH, benzene and Total BTEX reclamation requirements of 600 mg/kg, 100 mg/kg, 10 mg/kg and 50 mg/kg, respectively.
 - The samples collected from the additional background boring location, BG-23-1, exceeded chloride concentrations of 600 mg/kg from 17' to 25' and increase with depth.
- Based on the previously approved Work Plan and additional analytical results from the 2023 site assessments completed, impacted material within the release extent located on pad was proposed in a WP to be removed to a depth of 4'.

- The total proposed volume to be removed and disposed is 544 cubic yards.
- 6 confirmation floor samples and 4 confirmation sidewall samples are proposed for verification of remedial activities.
- The proposed excavation encompasses a surface area of approximately 3,675 square feet.
- A liner will be installed at the base of the excavation.

Please let me know if you have any questions or comments.

Christian

Christian Llull, P.G. | Program Manager

Direct +1 (512) 338-2861 | Business +1 (512) 338-1667 | Fax +1 (512) 338-1331 | christian.llull@tetrattech.com

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Poole, Nicholas

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Wednesday, May 23, 2018 4:08 PM
To: Gonzales, Clair; Weaver, Crystal, EMNRD; Tucker, Shelly; hprice@blm.gov
Cc: Tavarez, Ike; 'Rebecca Haskell'; Dakota Neel; Sheldon Hitchcock; DeAnn Grant
Subject: RE: COG Illustrated Man Fee Com #1H Work Plan Approval Request (2RP-4246) 4320 not 4246

RE: COG * Illustrated Man Fee 1H * **2RP-4320** * DOR: 7/26/17

All,

The proposal for remediation of the above referenced release is approved with the following:

- One foot excavation in the area identified as T-1, based on 8/22/17 sampling data.
- Notify the OCD District 2 office in the event proposed excavation depths are not achieved.
- Notify the OCD District 2 office once remedial activities have been scheduled.
- Federal sites will require like approval from BLM

Thank you,

Mike Bratcher
NMOCD District 2
811 South First Street
Artesia, NM 88210
575-748-1283 Ext 108

From: Gonzales, Clair <Clair.Gonzales@tetrattech.com>
Sent: Wednesday, April 18, 2018 2:32 PM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; Tucker, Shelly <stucker@blm.gov>; hprice@blm.gov
Cc: Tavarez, Ike <Ike.Tavarez@tetrattech.com>; 'Rebecca Haskell' <RHaskell@concho.com>; Dakota Neel <DNeel2@concho.com>; Sheldon Hitchcock <SLHitchcock@concho.com>; DeAnn Grant <agrants@concho.com>
Subject: COG Illustrated Man Fee Com #1H Work Plan Approval Request (2RP-4246)

Good Afternoon,

Attached is the work plan for the above referenced site located in Eddy County, New Mexico. Once approved, COG will implement the proposed work plan. Let me know if you have any questions or concerns.

Thank you,

Clair Gonzales

Clair Gonzales | Project Manager
Phone: 432.687.8123 | Mobile 432.260.8634 | Fax: 432.682.3946
clair.gonzales@tetrattech.com

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Poole, Nicholas

From: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>
Sent: Thursday, March 9, 2023 8:04 AM
To: Llull, Christian
Cc: Chama, Sam
Subject: RE: [EXTERNAL] Extension Request - Application ID: 162086 (Incident ID nAB1721930866)

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Good Morning,

Your extension request until May 30, 2023 has been approved.

Thanks,
Ashley

Ashley Maxwell • Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.635.5000 | Ashley.Maxwell@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Llull, Christian <Christian.Llull@tetrattech.com>
Sent: Thursday, March 2, 2023 9:37 PM
To: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>
Cc: Chama, Sam <SAM.CHAMA@tetrattech.com>
Subject: [EXTERNAL] Extension Request - Application ID: 162086 (Incident ID nAB1721930866)

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Ms. Maxwell:

On behalf of ConocoPhillips, Tetra Tech is requesting a 90-day extension (until May 30, 2023) to complete the assessment, evaluation and associated reporting for the Illustrated Man Fee Com #001H site (**nAB1721930866**).

NMOCD rejected the Closure of the incident on November 29, 2022, with the following conditions:

- **Work detailed in the provided closure report did not follow the approved work plan. The area excavated (Figure 3) did not match the proposed excavated area (Figure 4).**
- **Work will need to be done in accordance with 19.15.29 NMAC.**
- **Please submit a work plan or closure report to the OCD by March 1, 2023.**

Given the difficulty with determining the efficacy of the work performed by a previous consultant, this extension is required to research the work, reassess the site and evaluate the incident. ConocoPhillips plans to conduct sampling to confirm remedial action performed in the coming month however, and once the data is collected, tabulated, and evaluated, a work plan or closure report will be submitted to the OCD.

Please let me know if you have any questions or concerns.

Thank you in advance.

Christian

Christian Llull, P.G. | Program Manager

Direct +1 (512) 338-2861 | Business +1 (512) 338-1667 | Fax +1 (512) 338-1331 | christian.llull@tetrattech.com

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Poole, Nicholas

From: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>
Sent: Monday, September 11, 2023 4:19 PM
To: Poole, Nicholas
Cc: Llull, Christian
Subject: RE: [EXTERNAL] Extension Request - NAB1721930866 (Illustrated Man Fee Com 1H)

⚠ CAUTION: This email originated from an external sender. Verify the source before opening links or attachments. **⚠**

Good Afternoon,

The request of an extension date of October 17, 2023, is approved.

Thanks,
Ashley

Ashley Maxwell • Environmental Specialist
Environmental Bureau Projects Group
EMNRD - Oil Conservation Division
1000 Rio Brazos Road | Aztec, NM 87110
505.635.5000 | Ashley.Maxwell@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Poole, Nicholas <NICHOLAS.POOLE@tetrattech.com>
Sent: Monday, September 11, 2023 8:49 AM
To: Maxwell, Ashley, EMNRD <Ashley.Maxwell@emnrd.nm.gov>
Cc: Llull, Christian <Christian.Llull@tetrattech.com>
Subject: [EXTERNAL] Extension Request - NAB1721930866 (Illustrated Man Fee Com 1H)

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Ms. Maxwell,

On behalf of ConocoPhillips, Tetra Tech is requesting a 60-day extension (until October 17, 2023) to complete additional assessment activities and associated reporting for the Illustrated Man Fee Com 1H Release site (**NAB1721930866**). The release occurred on July 26, 2017, and the initial C-141 Report Form was received by NMOCD on July 28, 2017. Assorted assessment activities have been conducted at this site. A Work Plan was submitted describing the collected data.

The OCD rejected the proposed Work Plan and provided the following comments:

- *In the rejection dated November 29, 2022, it states that work will need to be done in accordance with 19.15.29 NMAC.*
- *The release is located in an area of high karst and therefore subject to the most stringent standards in Table 1 19.15.29.12 NMAC.*
- *Additional delineation, vertical and horizontal, is required to determine the full extent of the chloride impact of the release.*
- *Submit a work plan via the OCD permitting portal by August 18, 2023.*

Tetra Tech is scheduled to complete the additional assessment today, September 11, 2023. Once the sampling data is collected, tabulated, and evaluated, a revised remediation work plan will be submitted to the OCD.

Please let me know if you have any questions or concerns.

Thank you in advance.

Nicholas

Nicholas Poole | Project Scientist
Mobile +1 (512) 560-9064 | nicholas.poole@tetrattech.com

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Poole, Nicholas

From: OCDOnline@state.nm.us
Sent: Monday, October 23, 2023 9:14 AM
To: Llull, Christian
Subject: The Oil Conservation Division (OCD) has approved the application, Application ID: 273698

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To whom it may concern (c/o Christian Llull for COG OPERATING LLC),

The OCD has approved the submitted *Application for administrative approval of a release notification and corrective action* (C-141), for incident ID (n#) nAB1721930866, with the following conditions:

- **Work plan and variance request for background sample approved. Submit a report by 2/26/2023.**

The signed C-141 can be found in the OCD Online: Imaging under the incident ID (n#).

If you have any questions regarding this application, please contact me.

Thank you,
Ashley Maxwell
Projects Environmental Specialist - A
505-635-5000
Ashley.Maxwell@emnrd.nm.gov

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

Poole, Nicholas

From: OCDOnline@state.nm.us
Sent: Tuesday, January 2, 2024 3:27 PM
To: Llull, Christian
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 299065

⚠ CAUTION: This email originated from an external sender. Verify the source before opening links or attachments. **⚠**

To whom it may concern (c/o Christian LLuLL for COG OPERATING LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release (C-141N)*, for incident ID (n#) nAB1721930866.

The sampling event is expected to take place:

When: 01/05/2024 @ 10:00

Where: D-12-25S-28E 170 FNL 900 FWL (32.1515999,-104.0465775)

Additional Information: Illustrated Man Fee Com 1H Release

ConocoPhillips

Heritage Concho

Unit Letter B, Section 2, Township 25 South, Range 28 East

Eddy County, NM

Approximate Release Location: 32.166314°, -104.056595°

2RP- 4320

Incident ID NAB1721930866

Additional Instructions: Approximate Release Location: 32.166314°, -104.056595°

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **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.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department

1220 South St. Francis Drive

Santa Fe, NM 87505

APPENDIX C

Site Characterization Data

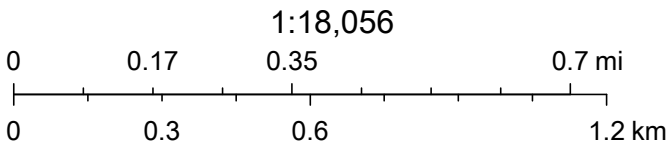
OCD Potential Karst Map



12/22/2022, 10:08:14 AM

Karst Occurrence Potential

- High
- Medium



BLM, OCD, New Mexico Tech, Esri, HERE, Garmin, iPC, Maxar



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 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 03423		CUB	ED	2	4	1	26	24S	28E	588786	3561952	2661	126		
C 01411	R	C	ED	4	4	2	04	25S	28E	586289	3558522*	2771	69	35	34
C 04025 POD1		CUB	ED	4	3	3	27	24S	28E	586700	3560964	2801	190	90	100
C 01411 POD2		C	ED	4	2	4	04	25S	28E	586374	3558036	2867	90	50	40
C 03358 POD1		CUB	ED	1	4	1	26	24S	28E	588416	3562116	2870	135		
C 04181 POD1		CUB	ED	3	2	1	26	24S	28E	588450	3562146	2894	280	56	224
C 03989 POD1		CUB	ED	4	2	2	33	24S	28E	586342	3560573	2904	100	70	30
C 04151 POD1		CUB	ED	4	2	1	26	24S	28E	588584	3562192	2919	280	65	215
C 04181 POD2		C	ED	3	2	1	26	24S	28E	588393	3562212	2969	80	56	24
C 04222 POD1		CUB	ED	1	3	3	27	24S	28E	586406	3561228	3194	140	35	105
C 03988 POD1		CUB	ED	4	4	4	28	24S	28E	586303	3561087	3196	110	95	15
C 04180 POD1		CUB	ED	2	1	2	26	24S	28E	589055	3562502	3208	160	58	102
C 04026 POD1		CUB	ED	3	2	1	25	24S	28E	590148	3562290	3225	190	90	100
C 03833 POD1		C	ED	2	1	2	26	24S	28E	589014	3562545	3249	96	55	41
C 01880		C	ED	3	3	2	06	25S	29E	592161	3558605*	3284	85	40	45
C 04294 POD1		CUB	ED	4	3	3	23	24S	28E	588169	3562646	3440	60		

Average Depth to Water: **61 feet**

Minimum Depth: **35 feet**

Maximum Depth: **95 feet**

Record Count: 16

UTMNAD83 Radius Search (in meters):

Easting (X): 588949.87

Northing (Y): 3559295.66

Radius: 3500

*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.

12/22/22 9:23 AM

Page 1 of 1

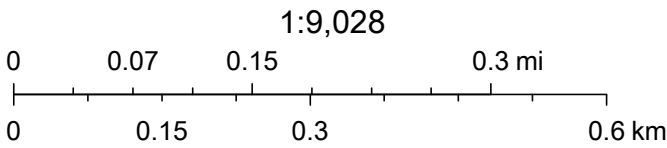
WATER COLUMN/ AVERAGE
DEPTH TO WATER

OCD Waterbodies Map



12/22/2022, 10:16:49 AM

OSW Water Bodys



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

OCD Mineral & Surface Ownership



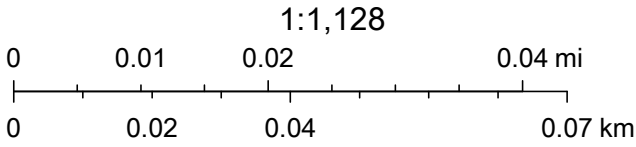
9/27/2023, 10:31:06 AM

Mineral Ownership

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

Land Ownership

- BLM
- P

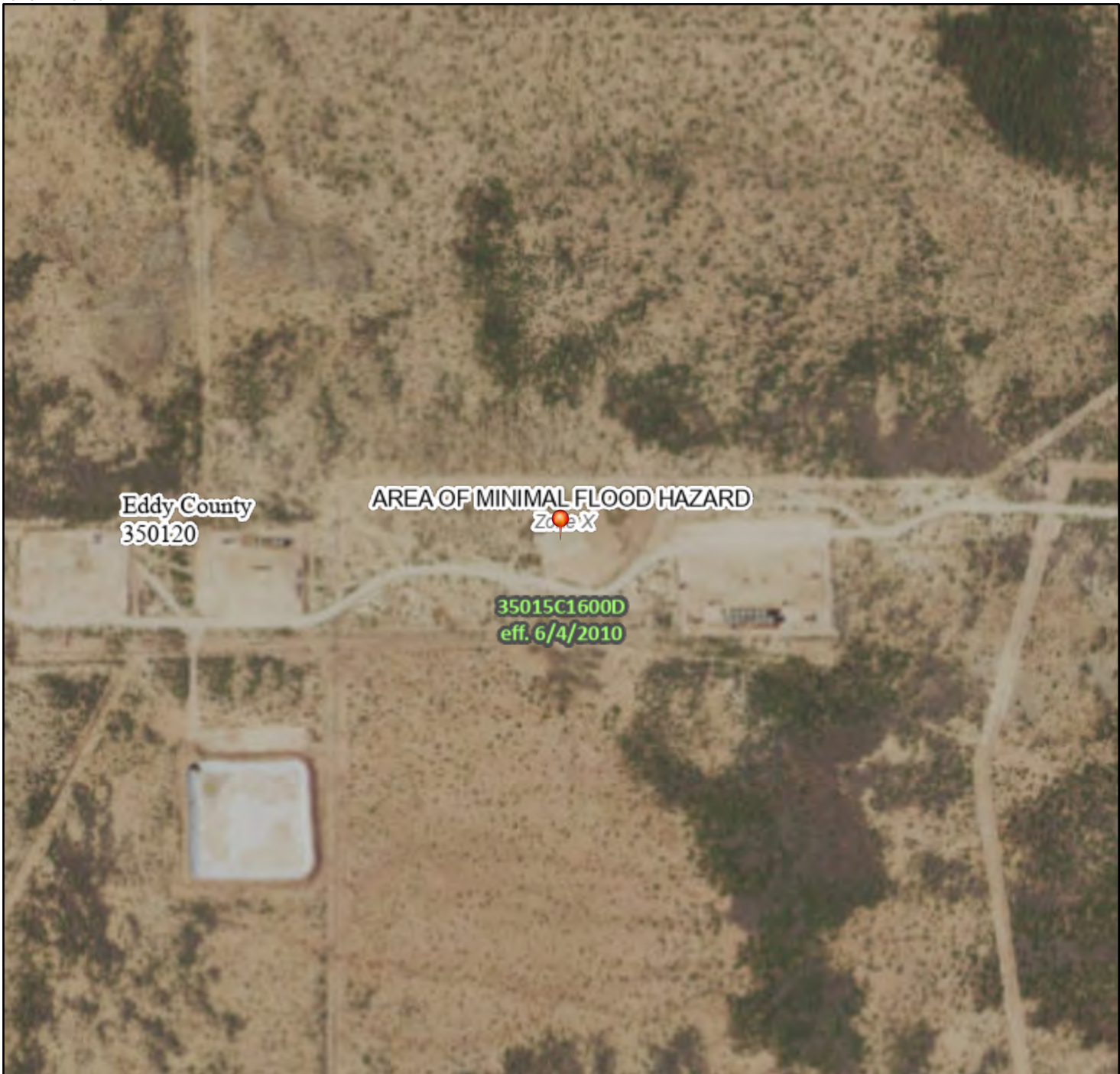


U.S. BLM, Maxar, Microsoft, Esri, HERE, Garmin, iPC

National Flood Hazard Layer FIRMMette



104°3'42"W 32°10'14"N



Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **2/7/2024 at 8:50 AM** 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.



National Wetlands Inventory - Map



February 7, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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

APPENDIX D

Waste Manifests



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Name THE Taranova

Phone No. _____

(PLEASE PRINT)

REQUIRED INFORMATION

Operator No. <u>Conoco Phillips</u>	GENERATOR	NO. <u>307927</u>
Operators Name _____	Permit/RRC No. _____	
Address _____	Lease/Well Name & No. <u>Illustrated Map For Com #11 * Arkansas</u>	
City, State, Zip _____	County _____	
Phone No. _____	API No. <u>30-15-35602</u>	
	Rig Name & No. _____	
	AFE/PO No. _____	

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

Oil Based Muds _____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste) <u>Pump Truck M32</u>
Oil Based Cuttings _____		
Water Based Muds _____		
Water Based Cuttings _____		
Produced Formation Solids _____		
Tank Bottoms _____	INTERNAL USE ONLY	
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 16 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 SIGNATURE

DATE

SIGNATURE

Transporter's Name <u>Mc Nabb Partners</u>	TRANSPORTER	Driver's Name <u>Andrew Richards</u>
Address _____		Phone No. _____
Phone No. _____		Truck No. <u>M32</u>
		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
Address 5053 US Hwy 285, Orla, TX 79770Phone 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 (%) _____
2nd Gauge _____			Free Water _____	
Received _____			Total Received _____	

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

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE

Name EKE Ivararez

Phone No. _____

(PLEASE PRINT)

REQUIRED INFORMATION

Operator No. Canoco Phillips

Operators Name _____

Address _____

City, State, Zip _____

Phone No. _____

GENERATORNO. 307929

Permit/RRC No. _____

Lease/Well _____

Name & No. Illustrated Man For Com #001 #Please

County _____

API No. 30-15-35602

Rig Name & No. _____

AFE/PO No. _____

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

Oil Based Muds _____

Oil Based Cuttings _____

Water Based Muds _____

Water Based Cuttings _____

Produced Formation Solids _____

Tank Bottoms _____

E&P Contaminated Soil _____

Gas Plant Waste _____

NON-INJECTABLE WATERS

Washout Water (Non-Injectable) _____

Completion Fluid/Flow Back (Non-Injectable) _____

Produced Water (Non-Injectable) _____

Gathering Line Water/Waste (Non-Injectable) _____

INTERNAL USE ONLY

Truck Washout (exempt waste) _____

OTHER EXEMPT WASTES (type and generation process of the waste)Dump Truck M32

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 1810

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 SIGNATURE

DATE

SIGNATURE

TRANSPORTERTransporter's Name Mc Nabbs Partners

Address _____

Phone No. _____

Driver's Name Andrea Richards

Phone No. _____

Truck No. M32

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-065Address 5053 US Hwy 285, Orla, TX 79770Phone 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

2nd Gauge

Received

BS&W Received

Free Water

Total Received

BS&W (%)

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

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Name: IKE Tavaraz

Phone No. _____

(PLEASE PRINT)

REQUIRED INFORMATION

Operator No. Conoco Phillips

GENERATOR

NO. 315894

Operators Name _____

Address _____

City, State, Zip _____

Phone No. _____

Permit/RRC No. _____

Lease/Well _____

Name & No. Illustrated Man Fee Com #001 #Release

County _____

API No. _____

Rig Name & No. _____

AFE/PO No. _____

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

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT WASTES (type and generation process of the waste)	_____
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	_____	<u>Dump Truck</u>	
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	_____		
Water Based Cuttings	_____	Produced Water (Non-Injectable)	_____		
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	_____		
Tank Bottoms	_____	INTERNAL USE ONLY	_____		
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 18 E-EACH 10

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 SIGNATURE _____

DATE _____

SIGNATURE _____

Transporter's Name Mc Nabb Partners

Address _____

Phone No. _____

TRANSPORTER

Driver's Name Andrew Richards

Phone No. _____

Truck No. M32

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 1-3-24DRIVER'S SIGNATURE Andrew Richards

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. D-7Site Name/
Permit No. Red Bluff Facility / STF-065Address 5053 US Hwy 285, Orla, TX 79770Phone 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

1st Gauge	_____
2nd Gauge	_____
Received	_____

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

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

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____



(PLEASE PRINT)

REQUIRED INFORMATION

Name Iro Fawcett

Phone No. _____

GENERATORNO. 301418

Operator No. _____

Permit/PPC No. _____

Operators Name Conoco Phillips

Lease/Well _____

Address Illustrated Man Lee CorName & No. Illustrated Man Lee Cor

City, State, Zip _____

County _____

Phone No. _____

API No. 30-015-35600

Rig Name & No. _____

AFE/PO No. _____

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

Oil Based Muds	_____	NON-INJECTABLE WATERS	OTHER EXEMPT 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 SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTERTransporter's Name McNabb PartnersDriver's Name Paul Van Buren

Address _____

Phone No. _____

Phone No. _____

Truck No. 0733

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. 12Site Name/ Red Bluff Facility / STF-065

Permit No. _____

Address 5053 US Hwy 285, Orla, TX 79770Phone 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

1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

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

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

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____



(PLEASE PRINT)

REQUIRED INFORMATION

Name Ike Tavares

Phone No. _____

GENERATORNO. 315875

Operator No. _____

Permit/RRC No. _____

Operators Name Canoco

Lease/Well _____

Address _____

Name & No. Illustrated Man For Canoco

County _____

City, State, Zip _____

API No. 30-015-35600

Phone No. _____

Rig Name & No. _____

AFE/PO No. _____

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

Oil Based Muds _____
Oil Based Cuttings _____
Water Based Muds _____
Water Based Cuttings _____
Produced Formation Solids _____
Tank Bottoms _____
E&P Contaminated Soil _____
Gas Plant Waste _____

NON-INJECTABLE WATERS

Washout Water (Non-Injectable) _____
Completion Fluid/Flow Back (Non-Injectable) _____
Produced Water (Non-Injectable) _____
Gathering Line Water/Waste (Non-Injectable) _____

INTERNAL USE ONLY

Truck Washout (exempt waste) _____

OTHER EXEMPT WASTES (type and generation process of the waste)DumpWASTE 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 SIGNATURE

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

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY**RECEIVING AREA**

Name/No. _____

Site Name/

Permit No.

Address

Red Bluff Facility / STF-0655053 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

1st Gauge

2nd Gauge

Received

BS&W Received

Free Water

Total Received

BS&W (%)

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

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

REQUIRED INFORMATION

Name Ike Lavender

Phone No. _____

GENERATOR

NO. 315876

Operator No. _____

Operators Name Conoco

Address _____

City, State, Zip _____

Phone No. _____

Permit/RRC No. _____

Lease/Well _____

Name & No. Tilintated man Fee Com #001

County _____

API No. 30-015-35600

Rig Name & No. _____

AFE/PO No. _____

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

Oil Based Muds	_____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Cuttings	_____	Washout Water (Non-Injectable)	<u>Dump</u>
Water Based Muds	_____	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Cuttings	_____	Produced Water (Non-Injectable)	
Produced Formation Solids	_____	Gathering Line Water/Waste (Non-Injectable)	
Tank Bottoms	_____	INTERNAL USE ONLY	
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 156 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 SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name McNabb Partners

Address _____

Phone No. _____

Driver's Name Joel Van Buren

Phone No. _____

Truck No. 1735

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 1-3-24

DRIVER'S SIGNATURE _____

DELIVERY DATE _____

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 12-8

Site Name/

Permit No. Red Bluff Facility / STF-065Address 5053 US Hwy 285, Orla, TX 79770Phone 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
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

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

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

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

REQUIRED INFORMATION

Name IKE TOMARESPhone No. 432 701-8630

GENERATOR

NO. 307928

Operator No. _____

Operators Name RONALD PHILLIPS

Address _____

City, State, Zip _____

Phone No. _____

Permit/RRC No. _____

Lease/Well _____

Name & No. ILLUSTRATED L/HN FREE.COMCounty 59-395API No. 30-013-35608

Rig Name & No. _____

AFE/PO No. 30

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

	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Muds	_____	<u>DUMP TRUCK - M.36</u>
Oil Based Cuttings	_____	
Water Based Muds	_____	
Water Based Cuttings	_____	
Produced Formation Solids	_____	
Tank Bottoms	_____	
E&P Contaminated Soil	_____	
Gas Plant Waste	_____	
	INTERNAL USE ONLY	
	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 1816 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 SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's

Name ARC NABD PARTNERS

Address _____

Phone No. _____

Driver's Name VICTOR MANZANO

Phone No. _____

Truck No. M.36

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 1-3-24DRIVER'S SIGNATURE VICTOR MANZANO

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. _____

Site Name/

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

1st Gauge		
2nd Gauge		
Received		

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

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

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____



(PLEASE PRINT)

REQUIRED INFORMATION

Name LA TAVARREPhone No. 432-701-8630**GENERATOR**NO. 315874

Operator No. _____
Operators Name Conoco Phillips
Address _____
City, State, Zip _____
Phone No. _____

Permit/RRC No. _____
Lease/Well Name & No. ILLUSTRATED MAN 15066m C01 H
County 9-92
API No. 30-015-35607
Rig Name & No. _____
AFE/PO No. 30

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

	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Muds	Washout Water (Non-Injectable)	<u>Dump</u> <u>Truck - m.36</u>
Oil Based Cuttings	Completion Fluid/Flow Back (Non-Injectable)	
Water Based Muds	Produced Water (Non-Injectable)	
Water Based Cuttings	Gathering Line Water/Waste (Non-Injectable)	
Produced Formation Solids	INTERNAL USE ONLY	
Tank Bottoms	Truck Washout (exempt waste)	
E&P Contaminated Soil		
Gas Plant Waste		

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

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

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

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

QUANTITY B-BARRELS 1100/8 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 SIGNATURE

DATE

SIGNATURE

Transporter's Name

Address MC NABO PARTNERS

Phone No. _____

TRANSPORTERDriver's Name VICTOR MANZANO

Phone No. _____

Truck No. m.36

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. 1Site Name/
Permit No.Red Bluff Facility / STF-065Address 5053 US Hwy 285, Orla, TX 79770Phone 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
1st Gauge		
2nd Gauge		
Received		

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

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

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Name JOE TAVARESPhone No. 432 701-8632

(PLEASE PRINT)

REQUIRED INFORMATION

GENERATOR

NO. 315873

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. _____

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

Oil Based Muds _____

Oil Based Cuttings _____

Water Based Muds _____

Water Based Cuttings _____

Produced Formation Solids _____

Tank Bottoms _____

E&P Contaminated Soil _____

Gas Plant Waste _____

NON-INJECTABLE WATERS

Washout Water (Non-Injectable) _____

Completion Fluid/Flow Back (Non-Injectable) _____

Produced Water (Non-Injectable) _____

Gathering Line Water/Waste (Non-Injectable) _____

INTERNAL USE ONLY

Truck Washout (exempt waste) _____

OTHER EXEMPT WASTES (type and generation process of the waste)

Sum
TRUCK M-36

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 SIGNATURE

DATE

SIGNATURE

Transporter's Name

Address _____

Phone No. _____

TRANSPORTER

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. _____

Address _____

Red Bluff Facility / STF-0655053 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

1st Gauge

2nd Gauge

Received

BS&W Received

Free Water

Total Received

BS&W (%)

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

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATOR

NO. 307932

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. _____

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

Oil Based Muds _____

Oil Based Cuttings _____

Water Based Muds _____

Water Based Cuttings _____

Produced Formation Solids _____

Tank Bottoms _____

E&P Contaminated Soil _____

Gas Plant Waste _____

NON-INJECTABLE WATERS

Washout Water (Non-Injectable) _____

Completion Fluid/Flow Back (Non-Injectable) _____

Produced Water (Non-Injectable) _____

Gathering Line Water/Waste (Non-Injectable) _____

INTERNAL USE ONLY

Truck Washout (exempt waste) _____

OTHER EXEMPT WASTES (type and generation process of the waste)

Dump Truck
m-38

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 SIGNATURE

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

TRUCK TIME STAMP

IN: _____

OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. _____

Site Name/

Permit No. _____

Address _____

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

Feet

Inches

1st Gauge _____

2nd Gauge _____

Received _____

BS&W Received _____

Free Water _____

Total Received _____

BS&W (%) _____

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

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATOR

NO. 307933

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. _____

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

Oil Based Muds _____

Oil Based Cuttings _____

Water Based Muds _____

Water Based Cuttings _____

Produced Formation Solids _____

Tank Bottoms _____

E&P Contaminated Soil _____

Gas Plant Waste _____

NON-INJECTABLE WATERS

Washout Water (Non-Injectable) _____

Completion Fluid/Flow Back (Non-Injectable) _____

Produced Water (Non-Injectable) _____

Gathering Line Water/Waste (Non-Injectable) _____

INTERNAL USE ONLY

Truck Washout (exempt waste) _____

OTHER EXEMPT WASTES (type and generation process of the waste)Dump Truck
m-38

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 SIGNATURE

DATE

SIGNATURE

Transporter's Name _____

Address _____

Phone No. _____

TRANSPORTER

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

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

1st Gauge

2nd Gauge

Received

BS&W Received

Free Water

Total Received

BS&W (%)

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

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



Company Name _____

Name _____

Phone No. _____

(PLEASE PRINT)

REQUIRED INFORMATION

GENERATOR

NO. 308047

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. _____

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

Oil Based Muds _____

Oil Based Cuttings _____

Water Based Muds _____

Water Based Cuttings _____

Produced Formation Solids _____

Tank Bottoms _____

E&P Contaminated Soil _____

Gas Plant Waste _____

NON-INJECTABLE WATERS

Washout Water (Non-Injectable) _____

Completion Fluid/Flow Back (Non-Injectable) _____

Produced Water (Non-Injectable) _____

Gathering Line Water/Waste (Non-Injectable) _____

INTERNAL USE ONLY

Truck Washout (exempt waste) _____

OTHER EXEMPT WASTES (type and generation process of the waste)Dump Truck
m-38WASTE 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 _____ 15 Y-YARDS _____ E-EACH

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

☐ RCRA EXEMPT:

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

☐ RCRA NON-EXEMPT:

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

☐ MSDS Information☐ RCRA Hazardous Waste Analysis☐ Other (Provide Description Below) _____

(PRINT) AUTHORIZED AGENTS SIGNATURE _____

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 _____

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 _____

2nd Gauge _____

Received _____

Feet

Inches

BS&W Received _____

Free Water _____

Total Received _____

BS&W (%) _____

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

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Name IRETA VAREZPhone No. 432-701-8637

(PLEASE PRINT)

REQUIRED INFORMATION

GENERATOR

NO. 308058

Operator No. _____

Operators Name _____

Address _____

City, State, Zip _____

Phone No. _____

Permit/RRC No. _____

Lease/Well _____

Name & No. ILLUSTRATED MAN FEE. 10M 001 H

County _____

API No. 30-013-35602

Rig Name & No. _____

AFE/PO No. _____

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

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT 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 11578 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 SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name _____

Address MC NABD PARTNERS

Phone No. _____

Driver's Name VICTOR MANZANOPhone No. 111-36

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 VICTOR MANZANO

DELIVERY DATE _____

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 151

Site Name/

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

2nd Gauge

Received

BS&W Received

Free Water

Total Received

BS&W (%)

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

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____

Name IRE TAVAREZPhone No. 432-701-8630

(PLEASE PRINT)

REQUIRED INFORMATION

GENERATOR

NO. 315871

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. _____

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

Oil Based Muds _____

Oil Based Cuttings _____

Water Based Muds _____

Water Based Cuttings _____

Produced Formation Solids _____

Tank Bottoms _____

E&P Contaminated Soil _____

Gas Plant Waste _____

NON-INJECTABLE WATERS

Washout Water (Non-Injectable) _____

Completion Fluid/Flow Back (Non-Injectable) _____

Produced Water (Non-Injectable) _____

Gathering Line Water/Waste (Non-Injectable) _____

INTERNAL USE ONLY

Truck Washout (exempt waste) _____

OTHER EXEMPT WASTES (type and generation process of the waste)

DUMP
TRUCK - M-36WASTE 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 SIGNATURE

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

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. _____

Site Name/

Permit No. _____

Address _____

Red Bluff Facility / STF-0655053 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

1st Gauge _____

2nd Gauge _____

Received _____

BS&W Received _____

Free Water _____

Total Received _____

BS&W (%) _____

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

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Main Contact Information
Name IKE TAVAREZPhone No. 432-701-8631

(PLEASE PRINT)

REQUIRED INFORMATION

GENERATOR

NO. 315870

Operator No. _____
Operators Name CONOCO Phillips
Address _____
City, State, Zip _____
Phone No. _____

Permit/RRC No. _____
Lease/Well _____
Name & No. ILLUSTRATED MAN F&E.COM 0014
County _____
API No. 30-015-55602
Rig Name & No. _____
AFE/PO No. _____

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

Oil Based Muds	_____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste) <u>Dump TRUCK - M-36</u>
Oil Based Cuttings	_____		
Water Based Muds	_____		
Water Based Cuttings	_____		
Produced Formation Solids	_____		
Tank Bottoms	_____		
E&P Contaminated Soil	_____	INTERNAL USE ONLY	
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 1648 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) 315870

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name THE NABO PARTNERS
Address _____
Phone No. _____

Driver's Name VICTOR MANZANO
Phone No. _____
Truck No. M-36
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 1-4-24DRIVER'S SIGNATURE VICTOR MANZANO

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 15-1

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
2nd Gauge		
Received		

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

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

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

REQUIRED INFORMATION

NO. 315872 *Kel...*

AFE/PU No.

Phone No. _____

WHP No. _____

DRIVER'S SIGNATURE

Name/No. 1234567890

432-448-4239

NORM (mR/hr)

Inches

Received

BS&W (%)

Total Received

If denied, why?

SIGNATURE _____



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Name IRE TAVAREZPhone No. 432-701-8630

(PLEASE PRINT)

REQUIRED INFORMATION

GENERATOR

NO. 316018

Operator No. _____

Operators Name _____

Address _____

City, State, Zip _____

Phone No. _____

Permit/RRC No. _____

Lease/Well _____

Name & No. ILLUMINATED 11000 FEE LDM-0011

County _____

API No. 30-015-33607

Rig Name & No. _____

AFE/PO No. _____

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

	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste)
Oil Based Muds	_____	<u>Dump</u> <u>TRUCK M-36</u>
Oil Based Cuttings	_____	
Water Based Muds	_____	
Water Based Cuttings	_____	
Produced Formation Solids	_____	
Tank Bottoms	_____	
E&P Contaminated Soil	_____	
Gas Plant Waste	_____	
	INTERNAL USE ONLY	
	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 1678 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 SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name _____

Address _____

Phone No. _____

Driver's Name VICTOR MANZANO

Phone No. _____

Truck No. M-36

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 1-4-24DRIVER'S SIGNATURE VICTOR MANZANO

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 79770Phone 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
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

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

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

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATOR

NO. 315913

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. _____

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

Oil Based Muds _____

Oil Based Cuttings _____

Water Based Muds _____

Water Based Cuttings _____

Produced Formation Solids _____

Tank Bottoms _____

E&P Contaminated Soil _____

Gas Plant Waste _____

NON-INJECTABLE WATERS

Washout Water (Non-Injectable) _____

Completion Fluid/Flow Back (Non-Injectable) _____

Produced Water (Non-Injectable) _____

Gathering Line Water/Waste (Non-Injectable) _____

INTERNAL USE ONLY

Truck Washout (exempt waste) _____

OTHER EXEMPT WASTES (type and generation process of the waste)

Dump Truck
m-38

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 SIGNATURE

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

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. _____

432-448-4239NORM READINGS TAKEN? (Circle One) YES ☐ NO ☒If YES, was reading > 50 micro roentgens? (Circle One) YES ☐ NO ☒

NORM (mR/hr) _____

TANK BOTTOMS

Feet

Inches

1st Gauge

2nd Gauge

Received

BS&W Received

Free Water

Total Received

BS&W (%)

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

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATORNO. **315914**

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. _____

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

Oil Based Muds	_____	NON-INJECTABLE WATERS	Washout Water (Non-Injectable)	_____	OTHER EXEMPT WASTES (type and generation process of the waste) Dump Truck m-38
Oil Based Cuttings	_____		Completion Fluid/Flow Back (Non-Injectable)	_____	
Water Based Muds	_____		Produced Water (Non-Injectable)	_____	
Water Based Cuttings	_____		Gathering Line Water/Waste (Non-Injectable)	_____	
Produced Formation Solids	_____		INTERNAL USE ONLY	_____	
Tank Bottoms	_____	INTERNAL USE ONLY	Truck Washout (exempt waste)	_____	
E&P Contaminated Soil	_____				
Gas Plant Waste	_____				

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

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

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

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 SIGNATURE _____

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 _____

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

Feet

Inches

1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

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

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

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATORNO. 315915

Operator No. _____
Operators Name Conoco Phillips
Address _____
City, State, Zip Ike Tanager
Phone No. 432 701 8630

Permit/RRC No. _____

Lease/Well _____

Name & No. _____

County _____

API No. _____

Rig Name & No. _____

AFE/PO No. _____

Illustrated May Fee Cam #001
Release30-015-25602**EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards)**

Oil Based Muds _____

Oil Based Cuttings _____

Water Based Muds _____

Water Based Cuttings _____

Produced Formation Solids _____

Tank Bottoms _____

E&P Contaminated Soil _____

Gas Plant Waste _____

NON-INJECTABLE WATERS

Washout Water (Non-Injectable) _____

Completion Fluid/Flow Back (Non-Injectable) _____

Produced Water (Non-Injectable) _____

Gathering Line Water/Waste (Non-Injectable) _____

INTERNAL USE ONLY

Truck Washout (exempt waste) _____

OTHER EXEMPT WASTES (type and generation process of the waste)Dump Truck
m-38

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 SIGNATURE

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

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY**RECEIVING AREA**

Name/No. _____

Site Name/

Permit No.

Address

Red Bluff Facility / STF-0655053 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

1st Gauge

2nd Gauge

Received

BS&W Received

Free Water

Total Received

BS&W (%)

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

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATOR

NO. 315916

Operator No. _____
Operators Name Conoco Phillips
Address _____
City, State, Zip IRG Taylor
Phone No. 432 701 7630

Permit/RRC No. _____
Lease/Well Name & No. Illustrated Map for Com 001 Ref. 100
County _____
API No. 30-015-35602
Rig Name & No. _____
AFE/PO No. _____

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

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT 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	<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 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 SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNabb Partners
Address 1504 W. Carlsted Hwy
Phone No. _____

Driver's Name Albino Terrell
Phone No. 515-241-5796
Truck No. M-37
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
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
1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

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

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

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Company Name Ike TaborPhone No. (409) 701-1111

(PLEASE PRINT)

REQUIRED INFORMATION

GENERATOR

NO. 315982

Operator No. _____

Permit/RRC No. _____

Operators Name Conoco Phillips

Lease/Well _____

Address _____

Name & No. _____

City, State, Zip _____

County _____

Phone No. _____

API No. _____

Rig Name & No. _____

AFE/PO No. _____

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

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT 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 180 B-BARRELS 18 Y-YARDS E-EACH

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

☐ RCRA EXEMPT:

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

☐ RCRA NON-EXEMPT:

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

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

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McKibben PartnersAddress 2011 N. Carlstadt Hwy

Phone No. _____

Driver's Name Jesse HuttoPhone No. (336) 464-3902

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 1/14/23DRIVER'S SIGNATURE Jesse HuttoDELIVERY DATE 1/14/23DRIVER'S SIGNATURE Jesse Hutto

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 13Site 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

Feet

Inches

1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

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

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

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

Name John ThomasPhone No. (957) 211-3163

(PLEASE PRINT)

REQUIRED INFORMATION

GENERATOR

NO. 315983

Operator No. _____

Operators Name Olga Garcia Phillips

Address _____

City, State, Zip _____

Phone No. (409) 701-8630

Permit/RRC No. _____

Lease/Well _____

Name & No. _____

County JeffAPI No. 30-05-35662

Rig Name & No. _____

AFE/PO No. _____

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

Oil Based Muds _____

Oil Based Cuttings _____

Water Based Muds _____

Water Based Cuttings _____

Produced Formation Solids _____

Tank Bottoms _____

E&P Contaminated Soil _____

Gas Plant Waste _____

NON-INJECTABLE WATERS

Washout Water (Non-Injectable) _____

Completion Fluid/Flow Back (Non-Injectable) _____

Produced Water (Non-Injectable) _____

Gathering Line Water/Waste (Non-Injectable) _____

INTERNAL USE ONLY

Truck Washout (exempt waste) _____

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

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 SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name North Atlantic LogisticsAddress 5014 W. Carlsbad HwyPhone No. (575) 487-0050Driver's Name Jesse MorenoPhone No. (575) 487-5202Truck No. 181

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-065Address 5053 US Hwy 285, Orla, TX 79770Phone 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

1st Gauge

2nd Gauge

Received

BS&W Received

Free Water

Total Received

BS&W (%)

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

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



TEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST

Name Joe TalarcoPhone No. (321) 701-8630

(PLEASE PRINT)

REQUIRED INFORMATION

GENERATOR

NO. **315984**

Operator No. _____

Operators Name Conoco Phillips

Address _____

City, State, Zip _____

Phone No. _____

Permit/RRC No. _____

Lease/Well _____

Name & No. 2111stgatedmanfor.com #0011County EddyAPI No. 30-015-35602

Rig Name & No. _____

AFE/PO No. _____

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

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT 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 80 B-BARRELS 18 Y-YARDS E-EACH

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

☒ RCRA EXEMPT:

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

☐ RCRA NON-EXEMPT:

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

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

(PRINT) AUTHORIZED AGENTS SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McCall at 6 PortersAddress 5011W Carlisbad HwyPhone No. (575) 397-0050Driver's Name Jose MorenoPhone No. (575) 397-5102Truck No. 21-81

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 01/01/23DRIVER'S SIGNATURE Jose MorenoDELIVERY DATE 01/01/23DRIVER'S SIGNATURE Jose Moreno

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. 151Site 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

1st Gauge	_____
2nd Gauge	_____
Received	_____

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

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

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

REQUIRED INFORMATION

NO. 315981

Operator No.		Permit/RRC No.	
Operators Name	Conoco Phillips	Lease/Well Name & No.	Illustrated Plan for well 101H
Address		County	Edwards
		API No.	30-015-35603
City, State, Zip		Rig Name & No.	
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)	
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

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	10	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 SIGNATURE

DATE _____

SIGNATURE

TRANSPORTER

Transporter's Name _____ Address _____ Phone No. _____	<div style="text-align: center; background-color: black; color: white; padding: 2px;">TRANSPORTER</div> 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**
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
1st Gauge		
2nd Gauge		
Received		

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

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

NAME (PRINT) _____

DATE _____

TITEL

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name Andrew T...

Phone No. _____

GENERATORNO. 306584

Operator No. _____

Permit/PPC No. _____

Operators Name Conner R.

Lease/Well _____

Address _____

Name & No. ILLINOIS NATURAL GAS COMPANY

County _____

City, State, Zip _____

API No. H70-615-35602

Phone No. _____

Rig Name & No. _____

AFE/PO No. _____

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

Oil Based Muds	_____	NON-INJECTABLE WATERS	OTHER EXEMPT WASTES (type and generation process of the waste) <u>Belly Damp</u>
Oil Based Cuttings	_____		
Water Based Muds	_____		
Water Based Cuttings	_____		
Produced Formation Solids	_____		
Tank Bottoms	_____	INTERNAL USE ONLY	
E&P Contaminated Soil	<input checked="" type="checkbox"/>		
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 18 Y-YARDS 2 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 SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTERTransporter's Name ALABAMA PARTNERSDriver's Name TURNER R

Address _____

Phone No. _____

Phone No. 575-390-0050Truck No. M 89

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 1-24-24DRIVER'S SIGNATURE TURNER RDELIVERY DATE 1-24-24

DRIVER'S SIGNATURE _____

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY**RECEIVING AREA**Name/No. 12757Site 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

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

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

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____



(PLEASE PRINT)

REQUIRED INFORMATION

Name James R. FinnerPhone No. 409-321-1071

GENERATOR

NO. 306585

Operator No. _____
Operators Name Colin
Address _____
City, State, Zip _____
Phone No. _____

Permit/PPC No. _____
Lease/Well Name & No. STATED WASTE (WASTE OIL)
County _____
API No. _____
Rig Name & No. _____
AFE/PO No. _____

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

Oil Based Muds	_____	NON-INJECTABLE WATERS	OTHER EXEMPT 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 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 SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name McNAB PARTNERS
Address _____
Phone No. 375-398-0050

Driver's Name F. J. Finner R
Phone No. _____
Truck No. 189
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 2-4-24DRIVER'S SIGNATURE F. J. Finner RDELIVERY DATE 2-4-24

DRIVER'S SIGNATURE _____

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

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

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

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____

Name ADDISON E

Phone No. _____

(PLEASE PRINT)

REQUIRED INFORMATION

GENERATOR

NO. 316013

Operator No. _____

Operators Name Conner P

Address _____

City, State, Zip _____

Phone No. _____

Permit/RRC No. _____

Lease/Well _____

Name & No. ILLUSTRATED WASTE CONSULTING

County _____

API No. _____

Rig Name & No. _____

AFE/PO No. _____

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

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT 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 18 B-BARRELS 20 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 SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNABO PARTNERS

Address _____

Phone No. 575-178-0050Driver's Name EUMEN R

Phone No. _____

Truck No. M 89

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 1-4-24DRIVER'S SIGNATURE EumenDELIVERY DATE 1-4-24DRIVER'S SIGNATURE Eumen

TRUCK TIME STAMP

IN: _____ OUT: _____

DISPOSAL FACILITY

RECEIVING AREA

Name/No. _____

Site Name/

Permit No.

Address

Red Bluff Facility / STF-0655053 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

1st Gauge	_____	_____
2nd Gauge	_____	_____
Received	_____	_____

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

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

ACCEPTED

DENIED

If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name Andrew

Phone No. _____

GENERATOR

NO. 306586

Operator No. _____

Permit/PPC No. _____

Operators Name Conoco P.Lease/Well Name & No. Illustrated Manifest

Address _____

County _____

City, State, Zip _____

API No. _____

Phone No. _____

Rig Name & No. _____

AFE/PO No. _____

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

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 SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNabb P.Driver's Name Tom F.

Address _____

Phone No. _____

Phone No. 325-398-0050Truck No. M-89

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

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 (%)
2nd Gauge			Free Water	
Received			Total Received	

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

ACCEPTED

DENIED

If denied, why?

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name _____

Phone No. _____

GENERATOR

NO. 306587

Operator No. _____ Permit/PPC No. _____
Operators Name Conoco Phillips Lease/Well Name & No. ILLUSTRATED MANIFEST (SN # 0017)
Address _____ County _____
City, State, Zip _____ API No. _____
Phone No. _____ Rig Name & No. _____
AFE/PO No. _____

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

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 SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNair Transport Driver's Name Cheney
Address _____ Phone No. _____
Phone No. 575-348-0000 Truck No. M 79
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 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

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

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

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name McNABE PARTNERSPhone No. 505-499-0492**GENERATOR**NO. **306583**

Operator No. _____
Operators Name Conoco Phillips
Address _____
City, State, Zip _____
Phone No. _____

Permit/PPC No. _____
Lease/Well Name & No. 1100-7843-0 HPT 6006
County _____
API No. 41-50-619-12602
Rig Name & No. _____
AFE/PO No. _____

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

Oil Based Muds	_____	NON-INJECTABLE WATERS	_____	OTHER EXEMPT 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 18 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 SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name McNABE PARTNERS
Address _____
Phone No. 505-499-0492

Driver's Name TURNER R
Phone No. _____
Truck No. M-89
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. 12-7

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

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

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

ACCEPTED ☒DENIED ☐

If denied, why? _____

NAME (PRINT)

DATE

TITLE

SIGNATURE

Name 188 turner

Phone No. _____

(PLEASE PRINT)

REQUIRED INFORMATION

GENERATOR

NO. 311698

Operator No. _____

Operators Name Carco

Address _____

City, State, Zip 35

Phone No. _____

Permit/RRC No. _____

Lease/Well _____

Name & No. #11 installed man fed Com 1H RflecCounty FADYAPI No. 30-015-35602

Rig Name & No. _____

AFE/PO No. _____

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

Oil Based Muds _____

Oil Based Cuttings _____

Water Based Muds _____

Water Based Cuttings _____

Produced Formation Solids _____

Tank Bottoms _____

E&P Contaminated Soil ☒

Gas Plant Waste _____

NON-INJECTABLE WATERS

Washout Water (Non-Injectable) _____

Completion Fluid/Flow Back (Non-Injectable) _____

Produced Water (Non-Injectable) _____

Gathering Line Water/Waste (Non-Injectable) _____

INTERNAL USE ONLY

Truck Washout (exempt waste) _____

OTHER EXEMPT WASTES (type and generation process of the waste)

End 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 SIGNATURE

DATE

SIGNATURE

TRANSPORTER

Transporter's Name mcabb paulus

Address _____

Phone No. 572 397 0050Driver's Name Joel B. B.Phone No. 575 602 8840Truck No. M87

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. 1257Site Name/
Permit No. Red Bluff Facility / STF-065Address 5053 US Hwy 285, Orla, TX 79770Phone 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

1st Gauge

2nd Gauge

Received

BS&W Received

Free Water

Total Received

BS&W (%)

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

ACCEPTED

DENIED

If denied, why? 575

NAME (PRINT)

DATE

TITLE

SIGNATURE



(PLEASE PRINT)

REQUIRED INFORMATION

Name Andrew TurnerPhone No. 301-509-3560

GENERATOR

NO. 301509

Operator No. _____
Operators Name CONCORD PARTNERS
Address _____
City, State, Zip _____
Phone No. _____

Permit/PPC No. _____
Lease/Well Name & No. ILLUSTRATED MEN FEE LAM DUO
County _____
API No. #30-015-35607
Rig Name & No. _____
AFE/PO No. _____

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

Oil Based Muds	_____	NON-INJECTABLE WATERS	OTHER EXEMPT 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 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 SIGNATURE _____

DATE _____

SIGNATURE _____

TRANSPORTER

Transporter's Name McNARA PARTNERS
Address _____
Phone No. 975-398-0050

Driver's Name TUMER R
Phone No. _____
Truck No. M-89
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 1-05-24DRIVER'S SIGNATURE Tumer RDELIVERY DATE 1-05-24DRIVER'S SIGNATURE Tumer R

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

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

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

NAME (PRINT) _____

DATE _____

TITLE _____

SIGNATURE _____

APPENDIX E

Photographic Documentation



TETRA TECH, INC. PROJECT NO. 212C-MD-02936	DESCRIPTION	Site Signage; High Net Federal SWD #1 and location information.	1
	SITE NAME	Illustrated Man Fee Com #1H	1/5/2023



TETRA TECH, INC. PROJECT NO. 212C-MD-02936	DESCRIPTION	View north northeast. 4-foot BGS excavated Area and 20-mil Liner.	2
	SITE NAME	Illustrated Man Fee Com #1H	1/8/2024



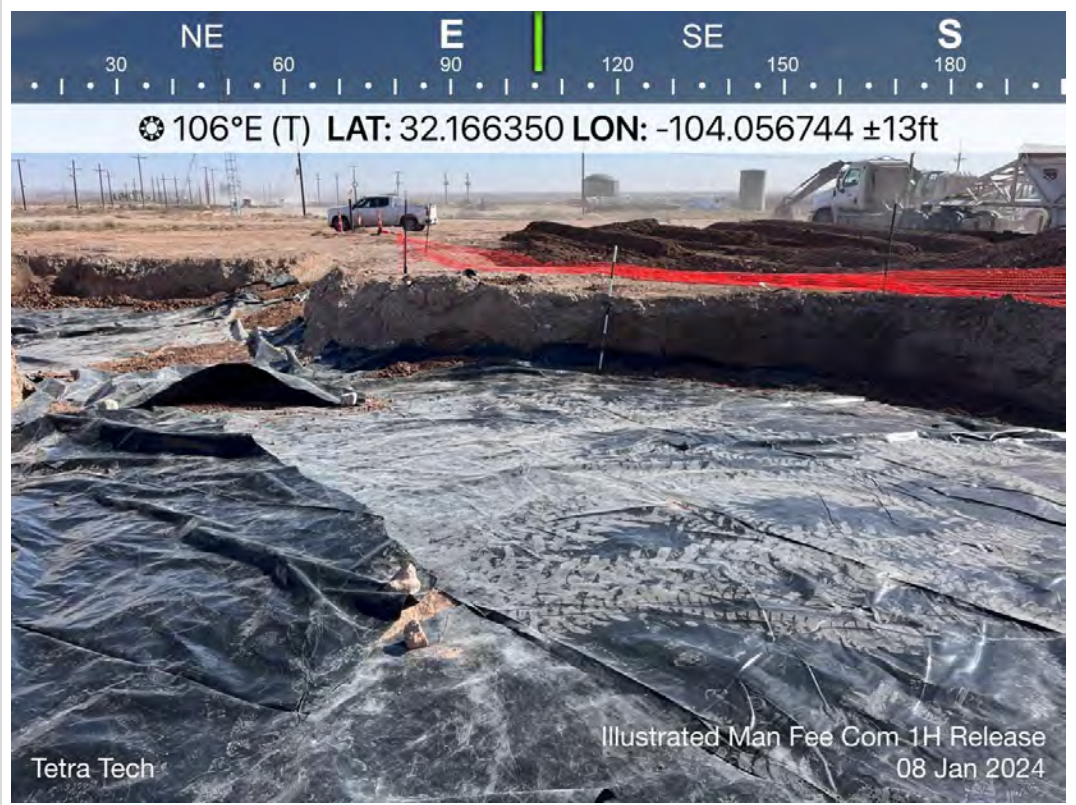
TETRA TECH, INC. PROJECT NO. 212C-MD-02936	DESCRIPTION	View west. 4-foot BGS excavated Area and 20-mil Liner.	3
	SITE NAME	Illustrated Man Fee Com #1H	1/8/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02936	DESCRIPTION	View southwest. 4-foot BGS excavated Area and 20-mil Liner.	4
	SITE NAME	Illustrated Man Fee Com #1H	1/8/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02936	DESCRIPTION	View north northeast. 4-foot BGS excavated Area and 20-mil Liner.	5
	SITE NAME	Illustrated Man Fee Com #1H	1/8/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02936	DESCRIPTION	View east southeast . 4-foot BGS excavated Area and 20-mil Liner.	6
	SITE NAME	Illustrated Man Fee Com #1H	1/8/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02936	DESCRIPTION	View west. Backfilled and seeded area, and abandoned well marker.	7
	SITE NAME	Illustrated Man Fee Com #1H	1/9/2024



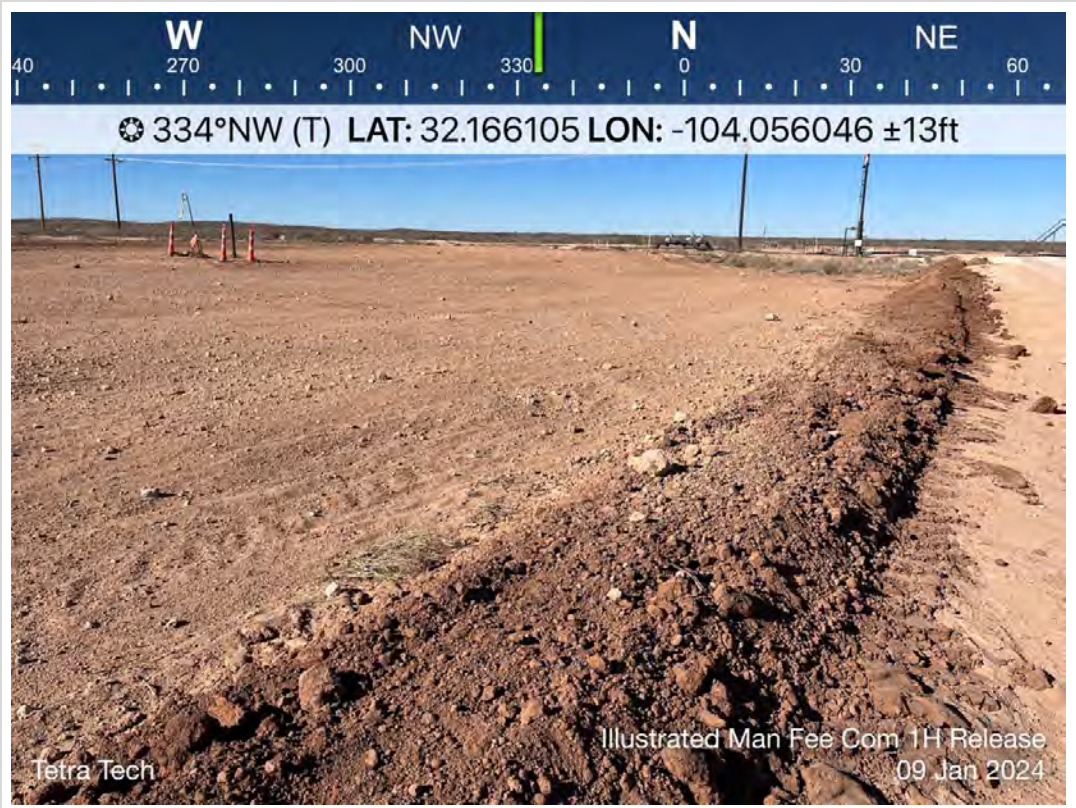
TETRA TECH, INC. PROJECT NO. 212C-MD-02936	DESCRIPTION	View east. Backfilled and seeded area.	8
	SITE NAME	Illustrated Man Fee Com #1H	1/9/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02936	DESCRIPTION	View northeast. Backfilled and seeded area.	9
	SITE NAME	Illustrated Man Fee Com #1H	1/9/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02936	DESCRIPTION	View southeast. Backfilled and seeded area.	10
	SITE NAME	Illustrated Man Fee Com #1H	1/9/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02936	DESCRIPTION	View north northwest. Southern edge of reclaimed pad. Installed earthen berm.	11
	SITE NAME	Illustrated Man Fee Com #1H	1/9/2024



TETRA TECH, INC. PROJECT NO. 212C-MD-02936	DESCRIPTION	View southwest. Eastern edge of reclaimed pad. Installed earthen berm.	12
	SITE NAME	Illustrated Man Fee Com #1H	1/9/2024

APPENDIX F

Laboratory Analytical Data



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

January 05, 2024

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: ILLUSTRATED MAN FEE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 01/04/24 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/04/2024
 Reported: 01/05/2024
 Project Name: ILLUSTRATED MAN FEE COM 1H
 Project Number: 212C - MD - 03073A
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 01/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: NSW - 1 (H240041-01)

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	01/04/2024	ND	2.21	110	2.00	2.72	
Toluene*	<0.050	0.050	01/04/2024	ND	2.20	110	2.00	0.150	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.27	113	2.00	0.547	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.84	114	6.00	1.02	
Total BTEX	<0.300	0.300	01/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	01/05/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2024	ND	176	87.9	200	8.79	
DRO >C10-C28*	<10.0	10.0	01/05/2024	ND	180	89.9	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	01/05/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/04/2024
 Reported: 01/05/2024
 Project Name: ILLUSTRATED MAN FEE COM 1H
 Project Number: 212C - MD - 03073A
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 01/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: ESW - 1 (H240041-02)

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	01/04/2024	ND	2.21	110	2.00	2.72	
Toluene*	<0.050	0.050	01/04/2024	ND	2.20	110	2.00	0.150	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.27	113	2.00	0.547	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.84	114	6.00	1.02	
Total BTEX	<0.300	0.300	01/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	144	16.0	01/05/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2024	ND	176	87.9	200	8.79	
DRO >C10-C28*	<10.0	10.0	01/05/2024	ND	180	89.9	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	01/05/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/04/2024
 Reported: 01/05/2024
 Project Name: ILLUSTRATED MAN FEE COM 1H
 Project Number: 212C - MD - 03073A
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 01/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: WSW - 1 (H240041-03)

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	01/04/2024	ND	2.21	110	2.00	2.72	
Toluene*	<0.050	0.050	01/04/2024	ND	2.20	110	2.00	0.150	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.27	113	2.00	0.547	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.84	114	6.00	1.02	
Total BTEX	<0.300	0.300	01/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	01/05/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2024	ND	176	87.9	200	8.79	
DRO >C10-C28*	<10.0	10.0	01/05/2024	ND	180	89.9	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	01/05/2024	ND					

Surrogate: 1-Chlorooctane 100 % 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:

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

Received: 01/04/2024
 Reported: 01/05/2024
 Project Name: ILLUSTRATED MAN FEE COM 1H
 Project Number: 212C - MD - 03073A
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 01/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SSW - 1 (H240041-04)

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	01/04/2024	ND	2.21	110	2.00	2.72	
Toluene*	<0.050	0.050	01/04/2024	ND	2.20	110	2.00	0.150	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.27	113	2.00	0.547	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.84	114	6.00	1.02	
Total BTEX	<0.300	0.300	01/04/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	01/05/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2024	ND	176	87.9	200	8.79	
DRO >C10-C28*	<10.0	10.0	01/05/2024	ND	180	89.9	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	01/05/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/04/2024
 Reported: 01/05/2024
 Project Name: ILLUSTRATED MAN FEE COM 1H
 Project Number: 212C - MD - 03073A
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 01/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS -1 (H240041-05)

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	01/04/2024	ND	2.21	110	2.00	2.72	
Toluene*	<0.050	0.050	01/04/2024	ND	2.20	110	2.00	0.150	
Ethylbenzene*	<0.050	0.050	01/04/2024	ND	2.27	113	2.00	0.547	
Total Xylenes*	<0.150	0.150	01/04/2024	ND	6.84	114	6.00	1.02	
Total BTEX	<0.300	0.300	01/04/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	01/05/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2024	ND	176	87.9	200	8.79	
DRO >C10-C28*	<10.0	10.0	01/05/2024	ND	180	89.9	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	01/05/2024	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/04/2024
 Reported: 01/05/2024
 Project Name: ILLUSTRATED MAN FEE COM 1H
 Project Number: 212C - MD - 03073A
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 01/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS- 2 (H240041-06)

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	01/05/2024	ND	2.21	110	2.00	2.72		
Toluene*	<0.050	0.050	01/05/2024	ND	2.20	110	2.00	0.150		
Ethylbenzene*	<0.050	0.050	01/05/2024	ND	2.27	113	2.00	0.547		
Total Xylenes*	<0.150	0.150	01/05/2024	ND	6.84	114	6.00	1.02		
Total BTEX	<0.300	0.300	01/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	01/05/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2024	ND	176	87.9	200	8.79	
DRO >C10-C28*	<10.0	10.0	01/05/2024	ND	180	89.9	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	01/05/2024	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 01/04/2024
 Reported: 01/05/2024
 Project Name: ILLUSTRATED MAN FEE COM 1H
 Project Number: 212C - MD - 03073A
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 01/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 3 (H240041-07)

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	01/05/2024	ND	2.21	110	2.00	2.72	
Toluene*	<0.050	0.050	01/05/2024	ND	2.20	110	2.00	0.150	
Ethylbenzene*	<0.050	0.050	01/05/2024	ND	2.27	113	2.00	0.547	
Total Xylenes*	<0.150	0.150	01/05/2024	ND	6.84	114	6.00	1.02	
Total BTEX	<0.300	0.300	01/05/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	01/05/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2024	ND	176	87.9	200	8.79	
DRO >C10-C28*	<10.0	10.0	01/05/2024	ND	180	89.9	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	01/05/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/04/2024
 Reported: 01/05/2024
 Project Name: ILLUSTRATED MAN FEE COM 1H
 Project Number: 212C - MD - 03073A
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 01/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 4 (H240041-08)

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	01/05/2024	ND	2.21	110	2.00	2.72	
Toluene*	<0.050	0.050	01/05/2024	ND	2.20	110	2.00	0.150	
Ethylbenzene*	<0.050	0.050	01/05/2024	ND	2.27	113	2.00	0.547	
Total Xylenes*	<0.150	0.150	01/05/2024	ND	6.84	114	6.00	1.02	
Total BTEX	<0.300	0.300	01/05/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	01/05/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2024	ND	176	87.9	200	8.79	
DRO >C10-C28*	<10.0	10.0	01/05/2024	ND	180	89.9	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	01/05/2024	ND					

Surrogate: 1-Chlorooctane 132 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/04/2024
 Reported: 01/05/2024
 Project Name: ILLUSTRATED MAN FEE COM 1H
 Project Number: 212C - MD - 03073A
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 01/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 5 (H240041-09)

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	01/05/2024	ND	2.21	110	2.00	2.72	
Toluene*	<0.050	0.050	01/05/2024	ND	2.20	110	2.00	0.150	
Ethylbenzene*	<0.050	0.050	01/05/2024	ND	2.27	113	2.00	0.547	
Total Xylenes*	<0.150	0.150	01/05/2024	ND	6.84	114	6.00	1.02	
Total BTEX	<0.300	0.300	01/05/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	976	16.0	01/05/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/05/2024	ND	176	87.9	200	8.79	
DRO >C10-C28*	<10.0	10.0	01/05/2024	ND	180	89.9	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	01/05/2024	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 01/04/2024
 Reported: 01/05/2024
 Project Name: ILLUSTRATED MAN FEE COM 1H
 Project Number: 212C - MD - 03073A
 Project Location: COP - EDDY CO, NEW MEXICO

Sampling Date: 01/04/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: FS - 6 (H240041-10)

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	01/05/2024	ND	2.21	110	2.00	2.72		
Toluene*	<0.050	0.050	01/05/2024	ND	2.20	110	2.00	0.150		
Ethylbenzene*	<0.050	0.050	01/05/2024	ND	2.27	113	2.00	0.547		
Total Xylenes*	<0.150	0.150	01/05/2024	ND	6.84	114	6.00	1.02		
Total BTEX	<0.300	0.300	01/05/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	784	16.0	01/05/2024	ND	432	108	400	3.64		

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	01/05/2024	ND	176	87.9	200	8.79	
DRO >C10-C28*	<10.0	10.0	01/05/2024	ND	180	89.9	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	01/05/2024	ND					

Surrogate: 1-Chlorooctane 137 % 48.2-134

Surrogate: 1-Chlorooctadecane 154 % 49.1-148

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Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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

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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>Conoco Phillips</u>		P.O. #:		BILL TO		ANALYSIS REQUEST																											
Project Manager:		Company: <u>Tetra Tech</u>																															
Address:		Attn: <u>Christian Lynch</u>																															
City:		Address:																															
State:		City:																															
Zip:		State:																															
Phone #:		Fax #:																															
Project #: <u>212C-MD-03073A</u>		Project Owner:																															
Project Name: <u>Illustrated Men Fee Com 1 H</u>		City:																															
Project Location: <u>Eddy Co, NM</u>		State:																															
Sample Name: <u>Andrew Garcia</u>		Phone #:																															
FOR LAB USE ONLY		Fax #:																															
Lab I.D. <u>H440041</u>																																	
Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME		BTEx		PH		Chlorides	
NSW-1		G 1		1		X																		4/30/24		0800		X		X		X	
ESW-1																																	
NSW-1																																	
SSW-1																																	
FS-1																																	
FS-2																																	
FS-3																																	
FS-4																																	
FS-5																																	
FS-6																																	
1300																																	
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Relinquished By: <u>Andrew Garcia</u>		Date: <u>04/30/24</u>		Time: <u>16:45</u>		Received By: <u>[Signature]</u>		Date: <u>04/30/24</u>		Time: <u>16:45</u>		Remarks: <u>Verbal Result: [] Yes [] No Add'l Phone #: []</u>																					
Delivered By: (Circle One)		Observed Temp. °C: <u>3.40C</u>		Corrected Temp. °C: <u>3.40C</u>		Sample Condition: <u>Cool Intact</u>		CHECKED BY: <u>[Signature]</u>		Turnaround Time: <u>24 hr</u>		Standard: <u>Rush</u>		Bacteria (only) Sample Condition: <u>Cool Intact</u>		Observed Temp. °C: <u>3.40C</u>		Corrected Temp. °C: <u>3.40C</u>															
Sampler - UPS - Bus - Other:		Corrected Temp. °C:				Yes [] No []																											
FORM 006 R 3.4 07/11/23																																	

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



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

February 20, 2024

CHRISTIAN LLULL

TETRA TECH

901 WEST WALL STREET , STE 100

MIDLAND, TX 79701

RE: ILLUSTRATED MAN FEE COM 1H RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 02/15/24 15:06.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/15/2024	Sampling Date:	02/15/2024
Reported:	02/20/2024	Sampling Type:	Soil
Project Name:	ILLUSTRATED MAN FEE COM 1H RELEAS	Sampling Condition:	Cool & Intact
Project Number:	212C - MD - 02936	Sample Received By:	Shalyn Rodriguez
Project Location:	COP - EDDY CO, NEW MEXICO		

Sample ID: BACKFILL - COMPOSITE (H240744-01)

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	02/16/2024	ND	1.89	94.7	2.00	13.0	
Toluene*	<0.050	0.050	02/16/2024	ND	1.79	89.4	2.00	17.1	
Ethylbenzene*	<0.050	0.050	02/16/2024	ND	1.81	90.5	2.00	18.4	
Total Xylenes*	<0.150	0.150	02/16/2024	ND	5.33	88.9	6.00	18.4	
Total BTEX	<0.300	0.300	02/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	02/16/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/19/2024	ND	215	107	200	0.835	
DRO >C10-C28*	<10.0	10.0	02/19/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	02/19/2024	ND					

Surrogate: 1-Chlorooctane 67.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
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

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

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Energy, Minerals and Natural Resources
Oil Conservation Division
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QUESTIONS

Action 318359

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:
	229137
	Action Number:
	318359
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1721930866
Incident Name	NAB1721930866 ILLUSTRATED MAN FEE COM #001H @ 30-015-41025
Incident Type	Produced Water Release
Incident Status	Reclamation Report Received
Incident Well	[30-015-41025] ILLUSTRATED MAN FEE COM #001H

Location of Release Source	
Please answer all the questions in this group.	
Site Name	ILLUSTRATED MAN FEE COM #001H
Date Release Discovered	07/26/2017
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 25 BBL Recovered: 20 BBL Lost: 5 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 318359

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:
	229137
	Action Number:
	318359
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetrattech.com Date: 02/27/2024
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QUESTIONS, Page 3

Action 318359

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:
	229137
	Action Number:
	318359
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 75 and 100 (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
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
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.	
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)	9540
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	215
GRO+DRO	(EPA SW-846 Method 8015M)	191
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
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	01/03/2024
On what date will (or did) the final sampling or liner inspection occur	01/04/2024
On what date will (or was) the remediation complete(d)	01/09/2024
What is the estimated surface area (in square feet) that will be reclaimed	3675
What is the estimated volume (in cubic yards) that will be reclaimed	546
What is the estimated surface area (in square feet) that will be remediated	3675
What is the estimated volume (in cubic yards) that will be remediated	546

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 318359

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:	229137
	Action Number:	318359
	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 off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Not answered.
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	TX
What is the name of the out-of-state facility	R360 RED BLUFF
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	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: Christian LLuLL Title: Project Manager Email: christian.llull@tetratech.com Date: 02/27/2024
--	---

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 318359

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 318359
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
<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

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QUESTIONS, Page 6

Action 318359

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:
	229137
	Action Number: 318359
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	299065
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/05/2024
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	3675

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	3675
What was the total volume (cubic yards) remediated	546
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	3675
What was the total volume (in cubic yards) reclaimed	546
Summarize any additional remediation activities not included by answers (above)	Following excavation, confirmation floor and sidewall samples were collected and submitted for laboratory analysis to verify efficacy of remediation activities. Per NMOCD stipulations, confirmation samples were collected such that each discrete sample (sidewall and floor) was representative of no more than 400 square feet of excavated area. A total of six (6) confirmation floor samples and four (4) confirmation sidewall samples were collected during remedial activities. Confirmation sidewall sample locations were labeled with the cardinal direction (N, E, S, W) followed by SW-#. Confirmation floor sample locations were labeled with "FS"-#. Excavated areas, confirmation sample locations are indicated in Figure 6.

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: Christian LLuLL Title: Project Manager Email: christian.llull@tetrattech.com Date: 02/27/2024
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QUESTIONS, Page 7

Action 318359

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:
	229137
	Action Number:
	318359
	Action Type:
	[C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	3675
What was the total volume of replacement material (in cubic yards) for this site	546
<i>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.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	01/09/2024
Summarize any additional reclamation activities not included by answers (above)	In accordance with 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 SM4500CI-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. Excavated areas, depths and confirmation sample locations are indicated in Figure 6. The results of the January 2024 confirmation sampling events are summarized in Table 4. On January 9, 2024, Tetra Tech personnel were onsite to supervise the reclamation and restoration activities at the previously reclaimed pad site. 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 SM4500CI-B. The soil cover included a top layer consisting of one foot of suitable material to establish vegetation at the site. The backfilled and unvegetated areas were seeded then dozer track imprinted to aid in revegetation. Areas of the pad exhibiting recolonization and a self-sustaining plant community were left undisturbed, to aid in revegetation. Based on the soils of the site, the LPC Sand/Shinnery Sites seed mixture was used for seeding and was planted in the amount specified in the pounds pure live seed (PLS) per acre. Soil backfill composite sampling results are summarized in Table 5.
<i>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 reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Christian LLuLL Title: Project Manager Email: christian.llull@tetratech.com Date: 02/27/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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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
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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 318359

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 318359
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<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>	

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CONDITIONS

Action 318359

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID:
	229137
	Action Number:
	318359
Action Type:	
[C-141] Reclamation Report C-141 (C-141-v-Reclamation)	

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Reclamation approved.	2/28/2024
amaxwell	A revegetation report will not be accepted until the release area, including areas reasonably needed for production or drilling activities, are complete. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable. All revegetation activities will need to be documented and included in the revegetation report.	2/28/2024
amaxwell	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.	2/28/2024
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.	2/28/2024